MARINE DEALER DIRECTORY-PART II

POPULAR BOATING

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JULY
35¢

FAMILY BOATING ISSUE:
Teach Your Child To Love The Water
3 Boats For Family Fun
Chartering & Cruising

THE LIBRARY OF CONGRESS SERIAL RECORD
JUL 17 1958

AMERICA'S CUP CONTENDER: ARTHUR KNAPP
RACING BOATMAN OF THE MONTH

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New Super Sea-Horse V-50. 50 hp. 12-volt electric starting. $840.

NEW Super thrust! The Super Sea-Horse V-50 is a miracle of compact power. Great under load, it delivers full thrust instantly.

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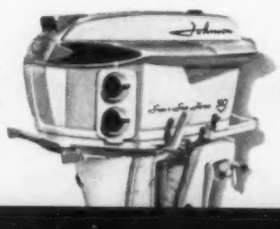
First in dependability...
pioneers of the "V" age engine



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MATADOR "15"
Classic elegance in a sports boat for what most ordinary boats cost.

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POPULAR BOATING

A ZIFF DAVIS PUBLICATION

JULY, 1958

VOLUME 4, NUMBER 1

THE MAGAZINE FOR BETTER BOATING

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The Chris-Craft cruiser cutting across the cover was traveling 25 mph when Miami photographer Bob Glander caught her at 1/400, f/5.6, on 4x5 Ektachrome with a Speed Graphic equipped with a Wollensak 135mm f/4.7 lens and Heiland flash gun using a blue No. 25 Sylvania bulb.

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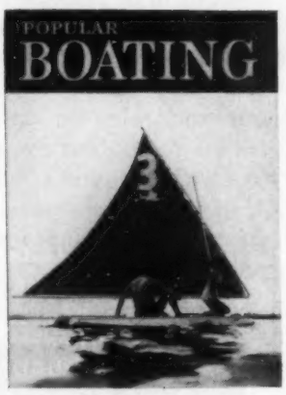
NEXT MONTH



Power boat racing boats and skippers will receive special attention, with a picture section of outstanding action shots. Water skiing, photography of water sports, and a new sail cruiser will be featured.

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THE GREATEST ADVANCE IN MARINE GASOLINES IN 20 YEARS

Texaco Sky Chief Marine gasoline gives you modern top-octane power, full anti-gum protection, engine-saving Petrox

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As recently as two years ago boat owners *had* to use low-octane, low-power gasolines to protect their engines against gum. *Many still think they have to.* This is no longer true.

Texaco Sky Chief Marine gasoline—the top-octane, high-power fuel—gives full anti-gum protection. That's because it contains a special stabilizing ingredient—Texaco additive 2057-T. Texaco Sky Chief Marine permits you to advance the spark of your engine, getting extra power, extra RPM's. High compression engines demand this top-octane gasoline to deliver their rated horsepower.

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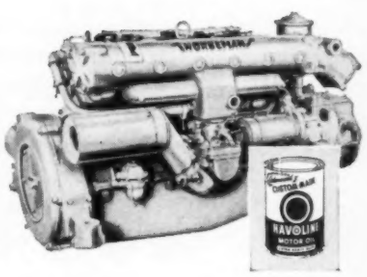

NORSEMAN KNIGHT ENGINE. 155 HP: built by Norsemen Marine of Oshkosh, Wisconsin. Delivers full power with Texaco Sky Chief Marine gasoline. Texaco's Advanced Custom-Made Havoline Motor Oil is recommended.

New 1958 Starcrafts ...rarin' to go

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Super Duty . . . a rugged aluminum boat available in 12-ft. and 14-ft. models. Perfect for fishing or family boating. Twelve-footer, $235.00. Other open-style boats from $145.00.

Sixteen new models in aluminum and fiberglas

Only Starcraft gives you so much boat for so little money. Aluminum hulls are made from high strength alloys that never need painting, proved best, even for salt water. Seamless bottoms are safer and eliminate causes of most leaks and maintenance problems. Every boat is guaranteed for 15 years.

Whether it's for fishing or other boating fun, you'll find a 1958 Starcraft to fit your needs—and your budget. Your choice ranges from 9-foot Pram to 16-foot Jupiter outboard cruiser.

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CITY _____ STATE _____

FROM THE EDITOR—

BOATING is a sport which combines easily with many others. Fishing, hunting, and camping may all be enjoyed with the help of a boat, and the whole family can come along, as we point out in this issue. Water skiing is growing rapidly as an aquatic pastime, but any activity on the water ought to be preceded by one very important skill—swimming.

Ability to swim should be a prerequisite for every passenger on every pleasure craft. With today's modern, well constructed boats, there is little likelihood that the prudent boatman will ever need to swim in an emergency. But familiarity with the water and the knowledge that he has the ability to keep himself afloat will add to the pleasure and confidence of anyone in a boat.

Children, by starting early, can often become used to the water before they might have an opportunity to become afraid of it. At the bottom of the page are steps tested and developed by the Boys' Clubs of America for teaching their members to swim.

All small children, swimmers or not, should wear approved vest-type life jackets while aboard; it may help to explain to them how all racing drivers always wear the same kind of preserver.

Adults as well can make excellent use of flotation aids. Much of the excitement of water skiing is the speed involved. A sudden spill can momentarily knock the breath from a new skier even though he may be an experienced swimmer. The new life belts which fit around a skier's waist can be a great aid for the skier skimming out over deep water.

Swimming is not important for the ability to reach shore in the event of a capsizing. Once a boatman is in the water his swimming skill should prevent any sense of panic, but not tempt him to leave his boat. Modern flotation methods now make it possible to construct almost any craft so that it will not sink, and the boatman should almost invariably stick with his boat, where he is likely to attract attention, rather than try the swim to land which is always farther away than it appears.

SAFETY afloat gets special attention this month, which starts off (June 29th to July 6th) with National Safe Boating Week. Sponsored by the United States Coast Guard Auxiliary, it calls attention not only to the excellent safety record of our sport up to now, but also to the need for increasing efforts by each boatman to keep it that way. Now is the time to find if your boat is eligible for a free Courtesy Motorboat Examination by the U.S.C.G.A. Passing their exam gives you the right to post the honor decal on your boat, indicating it is properly supplied and fitted with all required and recommended safety equipment. With this award on display you will know that the Coast Guard will not need to board and inspect your boat unless you are obviously violating a law, and that you will be well started on a safe and happy summer afloat.

—WM. TAYLOR MCKEOWN

INTRODUCTION TO SWIMMING

Steps recommended by Aquatic Instruction Panel, Boys' Clubs of America, for familiarizing youngsters with the water.

1. Let child enter shallow (waist-depth) water.
2. Instruct in scooping up water with hands and "washing face."
3. Standing in water, have him lean forward and "blow bubbles" with face in water.
4. With face in water, let him try turning head first right and then left to take breath and then exhaling with face in water.
5. Let him "bob" by jumping up, taking breath, ducking under water and exhaling.
6. Still standing in shallow water, let him pick objects off the bottom keeping his eyes open under water.
7. Instruct him in taking a deep breath, grabbing his knees, and floating face down in this position.
8. Prone float with arms extended forward, lying on water face down.
9. Prone glide, pushing off bottom with feet to travel in floating position.
10. Flutter kick practice, holding onto instructor, boat, or edge of pool.
11. Flutter kick plus glide face down with arms forward holding board.
12. Arm stroke practice combining kick, stroke, and breathing.

"Never Needs Water"

New WATERLESS BATTERY

MADE WITH SILICON

The Waterless Battery is guaranteed to never need water for the entire life of the battery

INSTALL IT...FORGET IT!

Now you can install in your boat or car the most powerful battery ever built, then forget it for at least ten long years! The Waterless Battery incorporates radical new construction features, including a silicon-base electrolyte, which gives it tremendous reserve power.

LLOYD'S OF LONDON INSURANCE BACKS WATERLESS BATTERY

The Waterless Battery guarantee is the longest and strongest in the world. No other battery dares offer you free replacement at absolutely no cost!

TRIPLE GUARANTEE PROTECTION

1. Factory-backed guarantee for 10 full years of service guaranteed by the manufacturer.
2. "Lloyd's of London product insurance protects each individual purchaser of the Waterless Battery.
3. Absolutely Free Replacement without cost to buyer. The Waterless Battery guarantee is the only guarantee in the world which permits transfer of the battery to another car and still retains full 10-year protection.

10-YEAR FACTORY GUARANTEE
The iron-clad 10-year Waterless Battery guarantee is backed by a state-chartered financial corporation
NEVER NEEDS WATER
WATERLESS
ELECTRO-CHEMICAL BATTERY
THE WATERLESS BATTERY CORP., LOS ANGELES

NEVER USES WATER...
NEVER OVERHEATS...
NEVER FREEZES...
NEVER CORRODES!

Every SILICON WATERLESS BATTERY is permanently sealed at the factory. Special breather valves replace the customary battery vent caps and are never removed. You never add water, you never even bother to check the WATERLESS BATTERY—you install it and forget it! Cells cannot be damaged by careless handling.

The WATERLESS BATTERY is the safest battery in the world—no acid corrosion, no danger from spilled acid, no loss of electrolyte from evaporation. The WATERLESS BATTERY, unlike old type batteries, can be stored for long periods of time.

SAVE MONEY $ $ $ $ $—BUY A WATERLESS!

Now you can buy a battery that will easily outlast your car without one cent of replacement cost for 10 long years! The WATERLESS BATTERY costs you far less than any other battery on the market—about $3.50 per year compared to the average $10 for an ordinary battery. Use the coupon now! Factory pays freight to your door.

THE PERFECT MARINE BATTERY!

- ★ *Dry cell construction.*
- ★ *No acid to handle or spill.*
- ★ *No corrosion to damage marine finishes.*
- ★ *No water to add.*
- ★ *Does not discharge when idle.*
- ★ *Guaranteed for 10 long years.*

Waterless Batteries are ideal for outboard starting. We recommend Group 2 Waterless Batteries for all 6-volt outboard engines and Group 27-SH for 12-volt outboard engines.

HERE'S PROOF! Read what boat owners say:

"This is to certify that on this date I, D. Cain, installed a 6-volt Waterless Battery in my battery-driven, 14-foot motor boat; and that from 8:30 a.m. to 5:30 p.m. this battery ran my boat with three men in it for the 9 hours, with 4 intervals of rest of about 5 minutes each. With a lapse of 16 hours, this battery was tested on a regular testing machine which showed that every cell was recharged to full capacity."

D. CAIN, *Missoula, Montana*

"I have found the Waterless Battery to be ideal for outboard motor boat starting. The Waterless Battery that I purchased last year was used continuously throughout the season for both starting and lighting on my Century 15-foot "Palomino." The battery was never recharged for the whole season, and after being stored all winter, started my Evinrude 30 HP outboard engine the very first time this spring."

M. MICHAEL, *Long Beach*

FREE REPLACEMENT!
10 years of trouble-free service guaranteed without replacement cost in normal service. (5 year guarantee for heavy duty truck or commercial service.)

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☐ 6-volt Heavy Duty (10 yr. unconditional guarantee) @....$34.95
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Engineering service available for special marine installations. Please write for prices and full information.

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Try it . . . in the bright red and white can at your marine or sporting goods dealer. Get LUBRIPLATE Underwater Gear Lubricants and 2-C Outboard Motor Oil, too! . . . all outstanding products!

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Fiske Brothers Refining Company
Newark 5, N. J.—Toledo 5, Ohio

READERS REPORT:

HOT OUTBOARDS

To the Editor:

How about an article on "souping up the smaller outboards?" I have a small, 5 hp motor I would like to do some work on. Some articles on tournament water-skiing would be good, too!

D. Rollins
Melrose, Mass.

LAND-LOCKED SAILOR

To the Editor:

From up here in the mountains of New Mexico one land-locked sailor is looking for a strong shoulder. We plan to build our craft way up here and haul it to the sea, but there's not even one other old salt around to swap stories with or twist planks. Sure would be nice to hear from anyone who has built, owned, borrowed, photographed, mortgaged or what-have-you a duplicate of Captain Thomas F. Day's 25-foot "Sea Bird."

Any word from any port will be read, re-read, and double answered.

Hal Holt
Taos, N. M.

TRED AVON FERRY

To the Editor:

Enjoyed your article on "Cruise The Chesapeake," but the photo on page 42 of the ferry between the Delmarva Peninsula and Tidewater, Va., is the Tred Avon Ferry going across the Tred Avon river from Oxford, Md., to Belview. The man on the right is Bill Benson, who has been running the ferry for 20 years that I know of, and probably many more than that.

A. B. Stahl
Baltimore, Md.

Mr. Stahl is correct. We found another shot of the same ferry that's clearly identified. (See picture, above.)—Ed.

AGAINST LICENSING

To the Editor:

I must take issue with your editorial in the May, 1958 issue.

As a boat owner and member of the Outboard Boating Club of America, I strongly oppose legislation of any kind which would require licensing or registration of a pleasure boat which is not used on waters designated by the Coast Guard as "navigable."

Certainly, I would welcome means of "tracking down lost or stolen craft"; however, I believe the serial number which is stamped in my boat is a much more permanent form of identification than a number painted on the bow.

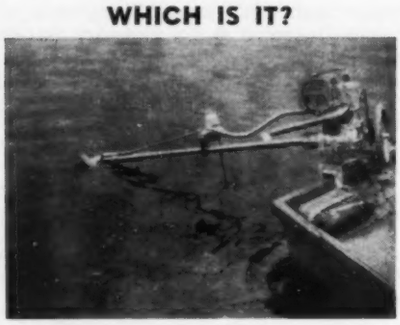
As I see it, H.R. 11078, or any similar bill, is just another method of squeezing additional revenue from a form of recreation which is already quite costly. I, for one, would hate to see pleasure boating become more expensive and I'm surprised to see the editor of a boating magazine advocate legislation which would discourage boating.

Contrary to your editorial, I have written my Congressmen, urging them to do everything possible to prohibit passage of such legislation.

Robert G. Green
Billings, Mont.

H.R. 11078, called the Bonner Bill, is a measure designed to promote boating safety on navigable waters. Although it does allow for a "reasonable fee" to be charged for registration, it is definitely not meant to be means of raising revenue. The bill is backed by most leading boating authorities, manufacturers and organizations in the country, including the National Association of Engine and Boat Manufacturers, and the Outboard Boating Club of America. None of the bill's backers want to see boating costs increased.—Ed.

WHICH IS IT?



To the Editor:

The motor owned by Mr. Eckhart (Readers Report, May, 1958 issue) is a Strelinger, built, I believe, in Detroit around 1910. The firm also made inboard, single-cylinder marine engines for launches in those days. Mr. Eckhart mentions he also owns a "Kafan" twin; this is quite probably the Koban, which was quite common in the old days.

Bob Whittier
Osterville, Mass.

To the Editor:

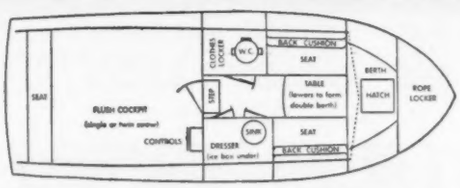
Looks like the old Caille that I had in my boathouse for many years.

Roland S. Bailey
Kingston, Mass.

you can't beat the HIGGINS "23"

NOT FOR $1000 MORE!

Want cruiser value? Compare these key features—



Compare these details. You'll quickly see the outstanding differences. *YOU PAY MORE BUT GET LESS WHEN YOU DON'T KNOW THE FACTS.* The Higgins "23" is a truly remarkable boat, at a truly remarkable price. In every respect, the best cruiser buy is a Higgins "23".

from $5195

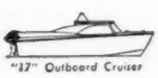
	OTHER "24"	HIGGINS "23"
Engine choice:	200 hp only	95, 125, 215, twin 70's
Gas capacity:	40 gals.	47 or 98 gals.
Cockpit:	Engine box	Flush deck (7' x 9')
Storage space:	Minimum	Huge, underberth
F'wd cabin windows:	Fixed plexi-glass	Hinged safety-plate
Cabin headroom:	6'	6' 2"
Dinette:	Cramped	Full size
Cabin aisle:	Average width	Extra wide
Rope locker:	No	Yes
Access to bilge:	Limited	Complete
Planking:	⅜", 5-ply sides, butt blocked	½", 5-ply single panels
Wood treated:	Not submersion treated	All wood Penta submersion treated

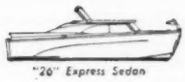
Write for the name of your nearest Higgins dealer.

Higgins
REG. U. S. PAT. OFF.

"15" and "17" Outboards

"17" and "18" Runabouts


"17" Outboard Cruiser


"26" Express Sedan

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Box 8001, New Orleans 22, La.

LA SIRENA (The Mermaid) by Feather Craft achieves another first in safety and strength in a flame-resistant fiberglass hull molded by advanced methods. Write to Feather Craft, Inc., 440 Bishop St., N. W., Atlanta 13, Ga., for full information.

First fire-resistant fiberglass runabout

You're witness to a remarkable achievement in pleasure-boat safety.

The sleek fiberglass-reinforced hull of this 15½-foot sportster is molded of a jet-age polyester plastic called Hetron®. Unlike most other fiberglass pleasure craft, this hull won't support combustion.

Subjected to firebrand tests that destroy other fiberglass boat hulls, these hulls molded of Hetron come through with only slight charring and *no loss of seaworthiness.*

La Sirena, by Feather Craft, is the first fiberglass pleasure boat to offer you the outstanding dependability of this premium hull material.

Hetron is performing with success in Arctic radomes guarding the DEW line; in large naval craft and all types of aircraft. Its use in *La Sirena* brings you the finest traditions of boat craftsmanship, joined now with the last word in materials and construction.

Fiberglass boats are better boats! For assurance of quality workmanship, buy your fiberglass boat from a reputable manufacturer. And for fire resistance, insist on a boat made with Hetron.

Hetron is a product of

DUREZ® HOOKER CHEMICALS PLASTICS

PLASTICS DIVISION

HOOKER ELECTROCHEMICAL COMPANY
NORTH TONAWANDA N.Y.

Universal Moulded Products Corp.

LA SIRENA'S HETRON HULL is uniformly strong all over. It's the first pleasure-boat hull of its type to be cured scientifically in a huge automatic "pressure cooker." Pressure and vacuum squeeze out tiniest air bubbles to produce maximum hull strength.

35-FOOT WORK BOAT, for offshore oil-field duty in corrosive Gulf waters, has fire-resistant hull, cabin, and bulkheads of Hetron . . . combines safety, exceptional ruggedness.

NAVY 40-FOOT LCPL BOAT employs glass-reinforced Hetron as hull material. Selected because of its very high strength, Hetron also provides important bonus of flame resistance.

You need special spark plugs, too

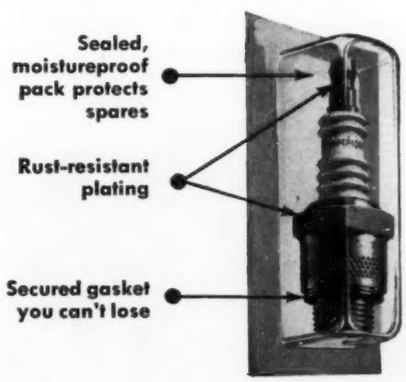
***Always use the spark plugs specially designed for outboards*— CHAMPIONS!**

With an outboard, you need special water skis—and special spark plugs.

For full power—you need a plug with a special electrode-gap design. Both regular and new plated outboard Champions have it. (Here's proof: In 1957, Champion-sparked craft won almost every major outboard race.)

The new plated Champion marine spark plugs give you protection against rust and a secured gasket you can't lose. Sealed in individual moistureproof packs, plated Champions stay clean and dry when carried as spares.

This season get full power from your outboard with new marine Champions—the spark plugs specially designed for outboard motors.



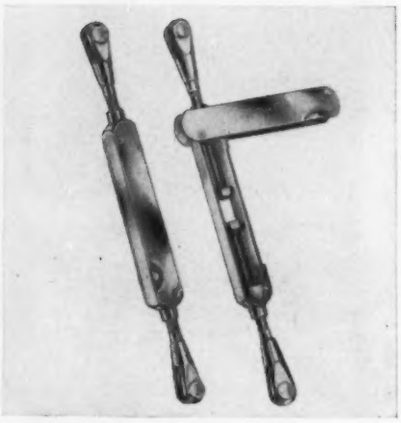
CHAMPION SPARK PLUG COMPANY • TOLEDO 1, OHIO

EVERY MAJOR OUTBOARD MANUFACTURER APPROVES—AND USES CHAMPION SPARK PLUGS

New & Nautical

HIGH VISIBILITY RACING FOUL WEATHER GEAR

THE ocean racing clan will welcome a practical new foul weather suit from Sperry Topsider, Naugatuck, Conn., that combines the freedom of action necessary for dousing sails in a hard blow and water-tightness that makes for comfort. This new suit was developed from recommendations of top racing-sailing men in the United States. The search was for lightweight, completely waterproof protection, with high visibility so that a man overboard could be spotted in a minimum of time. In addition, such a suit had to be durable, mildew proof, and easily removed in an emergency. Though we have not yet tested the "Offshore Suit" it appears one of the most practical designs we have seen. Made of high-visibility orange neoprene-coated fabric with vulcanized seams, drawstring trousers, fly-front jacket, and drawstring, gusseted hood, the complete outfit sells for $35.00 and is available in all sizes.— ⚓



A NEW TURNBUCKLE has been a long time coming in the marine field, but C. Sherman Johnson of Middle Haddam, Conn., has developed the "Handy Lock" turnbuckle with a built-in wrench and locking handle that eliminates check nuts and sail-tearing cotter keys. The unit can be packed with grease for self-lubrication. Made of stainless steel in all sizes. In ¼ inch, $8.75.— ⚓

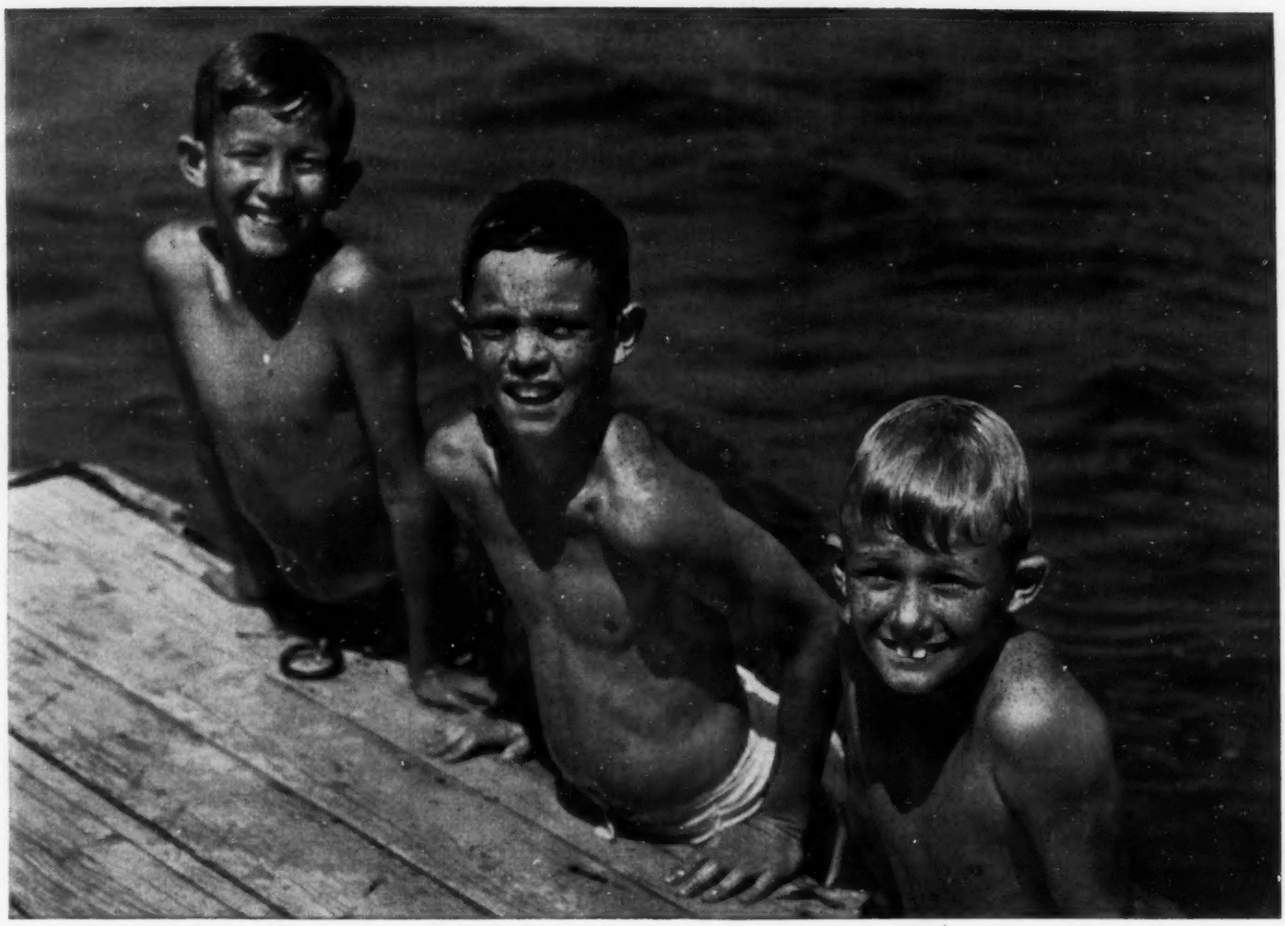
RADIOTELEPHONE FOR OUTBOARDS

WITH limited power, the outboarder has been out of luck for an efficient radiotelephone until the Kaar Engineering Corp., 2995 Middlefield Rd., developed the "249" pictured at right. By the use of the remarkable transistor, precious space has been saved aboard the crowded cruiser. In a cabinet 5½x10x14 inches, Kaar has packed 20 watts of output, 5 channels of communication, speech clipper and filter, and a frequency range from 2 to 4.5 megacycles, which includes the broadcast bands. The power-packed unit operates from 12 volt DC and draws only 2½ amps receiving and 9 amps when transmitting. Weight only 15 lbs., $299.

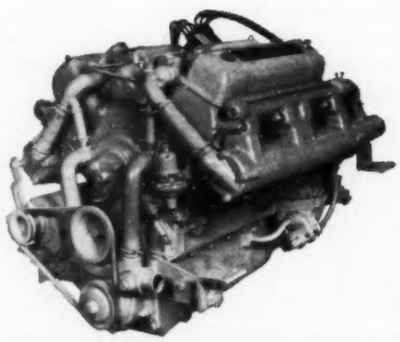
SAFETY RAILS SAVE LIVES aboard boats with low toe rails. Formerly these were only available as costly, custom fitted installations. Now several manufacturers offer a standardized line which can be adapted to most power or sailing craft. The "Hy Styles" rails pictured above, have been engineered so that with a few basic shapes, and tubular rails, any deck plan may be fitted. Standard items are bow sections, rail fittings, stanchions. Sold by Hy Styles Safety Rails, 100 Meadowbrook Ave., Detroit 14, Mich.— ⚓

(*continued on page* 65)

BARR ENGINE CONVERSIONS have now produced a kit for use in converting the powerful new Ford, Edsel, Lincoln and Mercury motors for marine use. The average basic cost for a kit is $213. Also available from Barr Marine Products, 2700 E. Castor Ave., Phila., Pa., are kits for the 1958 Buick, Cadillac, Pontiac, Chevrolet, and all of Chrysler's high power automotive engines. Reverse, reduction, and direct drive gear boxes for these engines are also stocked.— ⚓



Golly . . . I wish we had a boat with an *INTERCEPTOR* engine!



See your authorized dealer or write!

Yes, kids and grown-ups all over the world are discovering the difference a modern Interceptor marine engine makes in the performance of a boat.

Just ask anyone who's around the water regularly . . . they'll tell you that Interceptors were the first to introduce the new concept of modern V-8, high compression, light weight marine power that really performs.

They'll tell you that Interceptors are economical and safe to operate. They run cool and quiet . . . and they're so dependable.

Never before has a new marine engine been so widely accepted in such a short time. Most all leading boat builders offer models equipped with Interceptor engines. Thousands and thousands of boat owners are getting more fun from their boats with Interceptor power. You too, can discover a glorious new horizon in boating pleasure and satisfaction. Go Interceptor!

Export Dept • 120 Madison Ave. • Detroit 26, Mich. • Cable Address: Robns Detroit

DEARBORN MARINE ENGINES, INC.

Dept. M • 31465 Stephenson Highway • Royal Oak 4, Mich.

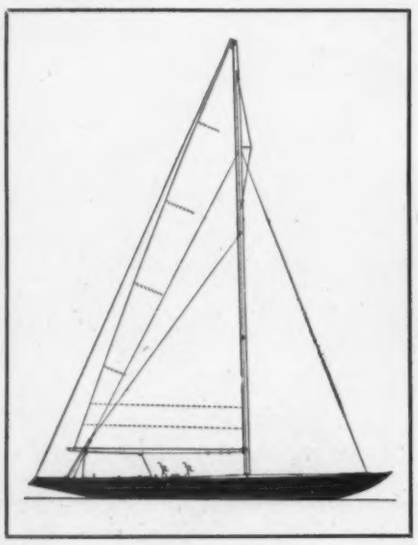
Signals for
Better Boating!
with
AQUA METER®
the marine speedometer
"certified for accuracy"
by U.S. Testing Company!
Get top performance from boats and motors with Aqua Meter for '58. Boating's most popular speedometers combine sea-going styling, peak efficiency, and popular pricing.

"OUTBOARDER" SURFACE MOUNT
Ruggedly handsome . . . big 3" colorful dial, gleaming triple-plated chrome case. Mounts easily on any dash. Speed ranges, 5-35, 5-45, 10-55 mph. Complete with "Install-It-Yourself" Tube Assembly Kit, $12.95.
Flush Mount Model for neat recessed look, complete, $12.95

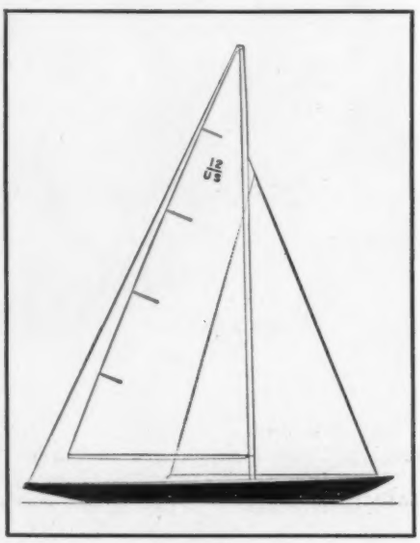
"MONITOR" DECK MOUNT
A sleek deck-mounted design with clean, sweeping lines and hooded case. Fits snugly to deck with mounting studs and sealing gasket. Speed ranges, 5-35, 5-45, 10-55 mph. Complete with "Install-It-Yourself" Tube Kit, $18.75
AQUA PRODUCTS
division of KETCHAM & McDOUGALL, Inc.
Send for 1958 catalog: P. O. Box 1, Roseland, N. J.

BOATING IN THE NEWS

TWO CUP CONTENDERS COLUMBIA AND WEATHERLY

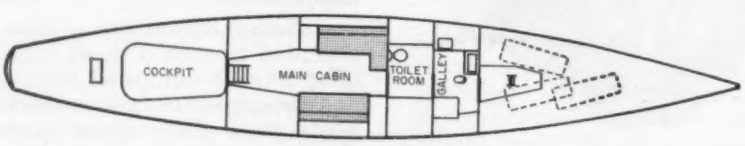


COLUMBIA

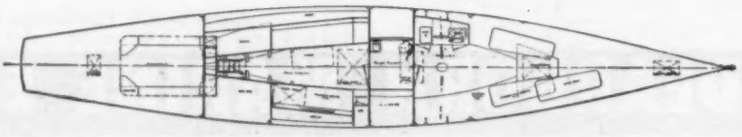


WEATHERLY

HERE are the sail and arrangement plans for the new 12-meter cup contenders *Columbia* and *Weatherly*. *Columbia*, the Sears syndicate boat designed by Sparkman and Stephens and built at Nevins on City Island, N. Y., was scheduled for launching in early June. Her principal dimensions are: LOA, 69′7″; LWL, 45′0″; beam, 12′0″; draft, 8′11″; displacement, 50,600 lbs., and sail area, 1,985 sq. ft. The Philip L. Rhodes designed *Weatherly*, under construction at Luders Marine Construction Co., Stamford, Conn., was scheduled for launching in late June. Her principal dimensions are: LOA, 69′0″; LWL, 45′6″; beam, 11′10″; draft, 8′10″; displacement, 57,000 lbs., and sail area, 1,900 sq. ft. Both boats feature double-planked hulls on laminated frames used in conjunction with bent frames. Fred Lawton of the Raytheon Mfg. Co. will be sailing master on *Columbia*. Arthur Knapp, featured as Boatman of the Month in this issue (see page 30), will be skipper of *Weatherly*.—



WEATHERLY



COLUMBIA

YOUR BOAT'S VARNISH MUST PASS THESE TORTURE TESTS FOR SEASON-LONG PROTECTION

Woolsey "Cawspar" Varnish proves that it is tougher. Stays smooth and glossy long after ordinary spar varnish fails. Here's how Cawspar is "tortured" in our tests.

WEATHER—Panels exposed 9 months to tropical sun and arctic cold show that ordinary varnish cracked, checked, peeled, whitened. *"Cawspar" finish remained flexible and glossy, retained its beauty and protective power!*

HEAT—Boiling water made ordinary varnishes whiten and peel in less than 2 hours. *But even 24 hours immersion did not affect "Cawspar"—assurance that the wicked combination of midday sun, engine heat and moisture won't affect a "Cawspar" finish.*

WEAR—"Scrubbing" with weighted chamois on scientific wipedown tester quickly wore down ordinary spar varnish in less than 10,000 machine cycles. *Yet "Cawspar" showed no visible wear after 25,000 cycles—far more than twice the wear resistance!*

CHEMICALS—Exhaust fumes, gasoline, oil, acids, alcohol, soaps or synthetic detergents—all have a chemical effect that can ruin ordinary spar varnishes. *Test after test proves the amazing resistance "Cawspar" has against these common destructive agents.*

Best for your boat too! Thousands of satisfied users know from actual *on-the-job* performance that Woolsey "Cawspar" Varnish measures up to the roughest treatment, on every type of craft, in widely different climates. That's because it is extra rich in tung oil and *reinforced* with "Bakelite" resin...to give many added months of full protection without loss of original glossy beauty. Your Woolsey Dealer will be glad to give you an interesting pamphlet on "Cawspar" Varnish, or you can write us for your *free* copy.

Serving at Sea Since 1853
WOOLSEY®
MARINE PAINTS

C. A. WOOLSEY PAINT & COLOR CO. INC.
205 East 42nd Street, New York 17, N. Y.
Warehouses: Brooklyn, N. Y., Plymouth, N. C., Jacksonville, Fla., Houston, Tex.

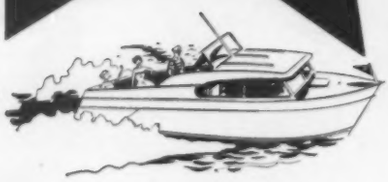
NEW transistor radio

direction-finder kit

MODEL DF-1

only $54.95

SHPG. WT. 5 LBS.



★ doubles as a portable radio

★ self-contained, self-powered

HEATHKIT

This new broadcast-band direction-finder in "do-it-yourself" kit form will give you the safety and convenience of radio navigation—plus the fun of portable radio! The DF-1 is a self-contained, self-powered, six-transistor super heterodyne radio incorporating a directional loop antenna, indicating meter, and integral speaker. Ideal for use aboard private boats of all sizes, tugs, fishing craft, or yachts. Antenna is rotated from the front panel for fix on station, and meter serves as null and tuning indicator. Covers 540 to 1600 kc, and includes heading indicator (compass rose) and bearing indicator (antenna index). Measures only 7½" W. x 5⅞" H. x 5⅜" D. Includes extra battery, and mounting brackets. Typical of the many marine kits now being produced by Heath Company for your use.

★ easy to build—no previous experience required

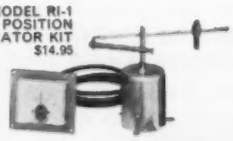
Complete construction manual contains easy step-by-step instructions, large pictorial diagrams, and all the information you need for quick assembly. No previous experience in electronics required!

OTHER HEATHKIT "DO-IT-YOURSELF" MARINE KITS . . .

MODEL ED-1 ELECTROLYSIS DETECTOR KIT $9.95

MODEL PM-1 RF POWER METER KIT $14.95

MODEL RI-1 RUDDER POSITION INDICATOR KIT $14.95



MODEL CI-1 BATTERY CHARGE INDICATOR KIT $16.95

MODEL MC-1 MARINE CONVERTER & BATTERY CHARGER KIT $42.95

MODEL FD-1 (6 & 12V) FUEL VAPOR DETECTOR KIT $35.95

FREE 1958 CATALOG

WRITE for free catalog describing this and other marine kits, and Heath's full line of electronic equipment

HEATH COMPANY • BENTON HARBOR 3, MICH.

a subsidiary of Daystrom, Inc.

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address

city & zone

state

BOAT CLUB BEACONS

UNITED STATES POWER SQUADRONS

IN MEMORY of past Vice Cdr. Charles H. Leach, 16th National Secretary of the United States Power Squadrons, a plaque will be erected inside the new headquarters building recently purchased in Englewood, N. J. Cdr. Leach died in April.

He served as National Secretary from 1945 to 1947, and established the first national headquarters office on his own property. In ten years, the organization has grown many times over, and now occupies its own building and maintains a paid staff of seven persons.

Educational course papers will be sent by USPS to two outside organizations which also are in the small boat field. Authorized by the Governing Board, the Educational Department will offer USPS experience to the U.S. Army Transportation Corps, at Fort Eustis, Va., and the Little Ship Club, in London, England. This is in concurrence with USPS policy of cooperating with similar educational groups.

Six new Squadrons have been chartered by USPS, bringing the total number of Squadrons to 242. Membership as of March 31 was 37,617. The six Squadrons are:

Peekskill Power Squadron, N. Y.

Great Neck Power Squadron, N. Y.

Redondo Beach Power Squadron, Cal.

Sequoia Power Squadron, San Carlos, Cal.

Pensacola Power Squadron, Warrington, Fla.

Fort Wayne Power Squadron, Ind. —⚓

BOY OF THE YEAR

LINDLEY RUDDICK, chosen as "Boy of the Year" from among 600,000 members by the Boys Clubs of America, is shown above with Jack Westcott of Scott-Atwater and an outboard motor similar to the one presented to the Grenville Backer Boys' Club of Locust Valley, N. Y., for the best boating and water safety program. Young boatman Ruddick, of Seymour, Ind., visited New York as part of his award.— ⚓

SUDBURY

Guaranteed Complete Protection for Full Year!

365 BRIGHT-WORK FINISH

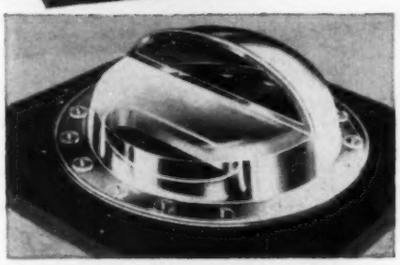
Rapid... Rugged... Revolutionary. Makes Varnish Obsolete!

The sensational, new bright-work finish that dries so fast you can apply as many as 5 or 6 coats in a day! Keeps bright-work sparkling new all season long. If you dread the drudgery of long weekends of sanding, smile. Tough, glass-like 365 Bright-Work Finish takes to bare wood, old varnish like magic; dries dust-free in a half-hour. Your bright-work will stay bright through months of heavy use and continued exposure. Not affected by blistering sun, salt spray; impervious to cigarette burns, alcohol stains. Tested in tropical waters for three years and proved far superior to any Spar varnish, Sudbury 365 BRIGHT-WORK FINISH is guaranteed to retain its brilliant gloss, not whiten for a full year. Helps you enjoy a longer season.

Easy to use, this amazing finish may be brushed or sprayed in any climate, in temperatures ranging from zero to 100° without chilling or warming. Abrasion resistance is 76% that of plate-glass, yet its remarkable flexibility prevents chipping, crazing. Now you can be sure your bright-work looks right month-in, month-out with Sudbury's 365 Bright-Work Finish. It's easy, it's fun. When you finish, you're done!

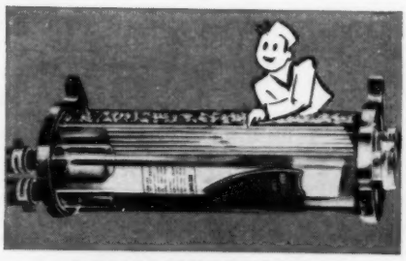
Pint $3.50; Quart $6.00; Gallon $23.00

FREE! With each quart of 365 Bright-Work Finish, we include a 90¢ can of special 365 Brush Cleaner free.



Streamline SKY-VENT

Sky-Vent assures you greater cruising comfort all season. Circulating fresh air keeps boat cool and comfortable. No musty odors, no dampness. Ingenious design (U.S. Pat. 2,711,126) locks out rain and spray. Transparent dome admits light, sun. Non-fouling, non-magnetic. No metal to rust, corrode or polish. 9" dia. **$34.95;** 12" dia. **$59.95;** 18" dia. **$89.95.**



AQUA-CLEAR Feeder

Keeps new engines from rusting; old engines last years longer. Cools with raw sea water. AQUA-CLEAR Feeder (U.S. Pat. 2,745,550) now protects more than 40,000 marine craft of every type. No moving parts. Average cost $50.

AQUA-CLEAR Crystals, 1 lb. **$2.50;** 10 lbs. **$20.00.**
LIQUID AQUA-CLEAR for fresh water tanks, (½ oz. to 50 gals. water). Pint **$1.98.**

Guaranteed 365 Bottom PAINT

Written guarantee against any marine growth for 365 days. Over 5 years developing and testing to perfect this Paint. Long research and in-use tests on over 8000 boats in all weather, waters and climate prove its outstanding superiority. Easy to apply. No need to remove old finish except vinyl. Gal. to 350 sq. ft. Dark Maroon. **Qt. $9.95; Gal. $35.90.** Gives care-free protection.

Transparent BOAT

One-piece molded transparent hull. (U.S. Pat. 2,807,811). Watch marine life, shoals, reefs right thru boat! Ideal for car-top, portage, fishermen, hunters, campers. Easy to lift, stow on deck. Over open hatch, lets light in, keeps rain out. Can be used with an outboard. 8 ft. long. 45" beam. Weighs only 44 lbs. Mahogany gunwales, seats. **$199.95** plus shipping, crating.

New SAFE-T MARINE STOVE

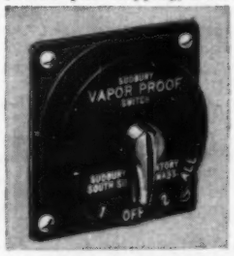
Burns Sudbury Hi-Heet, giving intense heat to cooking surface for greatest economy. Equivalent to a 2-burner stove, and designed so that one side may be doubled in heating capacity if desired. Perfect for beach picnics, cook-outs. DeLuxe model with aluminum griddle which doubles usefulness of the stove. **$29.95.**

Sudbury Hi-Heet, 1½-hr. cans, 25¢ each.

Submersible BILGE PUMP

Completely encased in non-corrosive, non-electrolytic lifetime lucite. Sealed-in motor—no metal touches water. Precision made like an underwater watch. Ready to operate at any time! Double-seal protects even if pump is tipped over. 5½" x 3¾" diameter. Easy to install. Connect special leads and it's ready to operate 200 gals. per hr. 6 ft. lift.

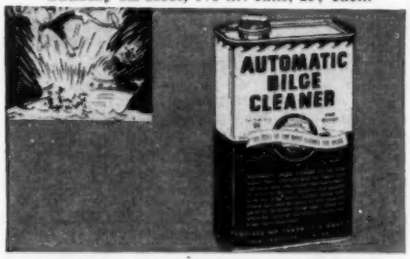
6 Volt $34.95; 12v $36.50; 32v $38.75.



An Urgent Need on Most Every Boat!

VAPOR-PROOF SWITCHES

Prevent explosion from dangerous open switches! Multiple-pole switch gives selective control of one, two, or more batteries in starting, or recharging while underway. Single-pole for radio, pump, lighting or other circuits. Silver-plated copper contacts cannot corrode; hermetically sealed in bakelite. 300 amps. Safety Authority approved. **Multiple-Pole, $17.95; Single-Pole, $7.95.**



Automatic BILGE CLEANER

Stop scrubbing and scraping! Get all grease and scum. Just pour into bilge. The boat roll does the work. Deodorizer — ends bilge odors (even diesel fumes). Prevents fire and explosion by mixing floating gas, oil with the water. All goes out when you pump the bilge. Non-caustic, harmless to paint, caulking, fittings, hands. Saves time, money, hard work! **Pt. $1.29; Qt. $1.98.**

If Not Sold and Displayed by Dealer, Order Direct

SUDBURY LABORATORY, Box 58L, Sudbury, Mass.

Please send me the items listed below.
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SUDBURY Laboratory MANUFACTURERS OF QUALITY PRODUCTS FOR OVER A QUARTER CENTURY

BUILD YOUR OWN . . . FROM PATTERNS PLANS KITS

You too can build your own boat from "GLEN L" Plans, Patterns or Frame Kits. . . . The 15′ tailed runabout Frame Kit priced at $100.00. 17′ outboard cruiser Frame Kit $125.00.

SEND 50c NOW . . . for our NEW . . . LARGEST YET . . . CATALOG illustrating all of the types and sizes available.

GLEN

9152 R ROSECRANS
BELLFLOWER, CALIFORNIA

LOAD KING *Trailers*

KINGS *on any Road*

Load Kings will haul your boat smoothly and safely on any road. They'll tote a 2000-pounder as airily as a featherweight. Their full length keel support, fully adjustable rollers and pads give gentle care to the finest hulls. Eazy Load assures amazing launching-loading ease. They offer more bonus features than any trailer made. Priced right, too. See them and you'll agree they're "Kings on any road." Write Dept. P for color catalog, or see your dealer.

E. L. CALDWELL & SONS
Corpus Christi, Texas

BULKHEAD BULLETINS

NORTH AND EAST

AMERICAN POWER BOAT ASSOC.

June 29—Brigantine, N. J.....I
July 4—Mays Landings, N. J.....I
July 13—Marathon, Augusta, Me.
July 13—Marathon, Buffalo, N. Y.
July 27—Marathon, Grand Island, N. Y.
Aug. 3—Marathon, Weymouth, Mass.
Aug. 17—88-Mile Marathon, Hague, N. Y.
Aug. 24—Beach Haven Crest, N. J.....I
Aug. 30—Millville, N. J.....SO
Sept. 1—Millville, N. J.....I
Sept. 6-7—Toms River, N. J.....I
Sept. 7—56-Mile Marathon, Manhattan, N. Y.
Sept. 20-21—President's Cup, Washington, D. C.....U
July 4—New Bedford, Mass.....I

EASTERN CRUISER ASSN.

July 12—105-mile Block Island Predicted-Log Contest, New York Athletic Club.

July 19—Robert Martin Memorial Cup Predicted-Log Contest, Greenwich Power Squadron.

July 26—Stamford Yacht Club Predicted-Log Contest (APBA).

Aug. 2—Westchester Power Squadron Predicted-Log Contest for the Pilot's Trophy.

Aug. 9—Shrewsbury River Yacht Club Predicted-Log Contest for the National Express Cruiser Trophy.

Aug. 16—Richmond County Yacht Club Predicted-Log Contest.

Aug. 23—Tarrytown Boat Club Predicted-Log Contest (APBA).

Aug. 30—Huguenot Yacht Club Predicted-Log Contest (night navigation).

Sept. 6—The Commodore's Race, Predicted-Log Contest, Port Washington Yacht Club.

THISTLE CLASS

July 19-26—Thistle Class, Marblehead Challenge Trophy, Marblehead, Mass.

July 24-26—Thistle Class, New England District Championships, Marblehead, Mass.

Aug. 2-3—Thistle Class, Atlantic Coast Championships, Quincy, Mass.

Aug. 2-5—Quincy Bay Race Week, Mass.

Sept. 20-21—Thistle Class, Lake Champlain Invitation Regatta, Burlington, Vt.

Sept. 28—Thistle Class, Lake Massabesic, N. H., Invitation Regatta.

Oct. 4-5—Thistle Class, Kittery Pt. Boat Club, Maine, Invitation Regatta.

Oct. 11-12—Thistle Class, Savin Hill, Mass. Invitation Regatta.

AMERICA'S CUP

July 12-19—America's Cup Preliminary Trials, Newport, R. I.

Aug. 16-23—America's Cup Observation Series, Newport, R. I.

Sept. 1—America's Cup Final Selection Trials, Newport, R. I.

Sept. 20—America's Cup Challenge Match begins, Newport, R. I.

A special exhibition sale of original Currier & Ives prints covering the early years of the historic America's Cup Races will be featured at Abercrombie & Fitch, 360 Madison Ave., New York City, during September.

REGATTAS

June 28—6th Annual Frank P. Huckins Memorial Trophy Predicted-Log Cruiser Contest, Manhasset Bay Yacht Club, Port Washington, N. Y.

Aug. 2—USPS Globe Cruiser Contest, Boston, Mass.

Aug. 2—Midget Ocean Racing Club Race, Cape Cod Canal to Penobscot Bay.

Aug. 26-28—Raven National Championship Races, Noroton, Conn.

Sept. 15-18—Mallory Series, "210," American YC, Rye, N. Y.

YRA-LONG ISLAND SOUND

June 28—YRA-LIS One-Design Races, Morris Y.C.

June 29—YRA-LIS One-Design Races, Indian Harbor Y.C.

July 4—YRA-LIS One-Design Races, Larchmont Y.C.

July 5—YRA-LIS One-Design Races, Huguenot Y.C.

July 6—YRA-LIS One-Design Races, Manhasset Bay Y.C.

July 12-13—YRA-LIS One-Design Races, Port Washington Y.C.

July 19-20-26—YRA-LIS One-Design Races, Larchmont Y.C.

Aug. 2-3—YRA-LIS One-Design Races, Echo Bay Y.C.

Aug. 9—YRA-LIS One-Design Races, Orienta Y.C.

Aug. 10—YRA-LIS One-Design Races, Stamford Y.C.

Aug. 16—YRA-LIS One-Design Races, Huguenot Y.C.

Aug. 17—YRA-LIS One-Design Races, Noroton Y.C.

Aug. 23—YRA-LIS One-Design Races, New York Athletic Club.

Aug. 24—YRA-LIS One-Design Races, Horseshoe Harbor Y.C.

Aug. 30—YRA-LIS One-Design Races, Seawanhaka Corinthian Y.C.

Aug. 31—YRA-LIS One-Design Races, Seacliff Y.C.

Sept. 1—YRA-LIS One-Design Races, Larchmont Y.C.

Sept. 6-7—YRA-LIS One-Design Races, Manhasset Bay Y.C.

Sept. 13-14—YRA-LIS One-Design Races, Knickerbocker Y.C.

Oct. 4—YRA-LIS One-Design Races, Tri-Clubs' Last Chance Regatta.

June 29—YRA-LIS Day Races, Huntington Y.C.

July 5—YRA-LIS Stratford Shoal Race, Riverside Y.C.

July 11—YRA-LIS Indian Harbor Y.C. Race, destination to be named.

July 18-20—YRA-LIS Indian Harbor Y.C. Cruise.

July 26-Aug. 1—YRA-LIS American Y.C. Cruise.

Aug. 2—YRA-LIS Cable & Anchor Reef Race, Manhasset Bay Y.C.

Aug. 2-10—YRA-LIS New York Y.C. Cruise.

Aug. 16-17—YRA-LIS Lloyds and Return Race, Port Washington Y.C.

Aug. 23—YRA-LIS Stratford Shoal Race, Huntington Y.C.

Aug. 30—YRA-LIS Stratford Shoal Race, Seawanhaka Corinthian Y.C.

Aug. 30—YRA-LIS Vineyard Lightship Race, Stamford Y.C.

Sept. 13—YRA-LIS Cornfield Lightship & Stratford Shoals Race, City Island Y.C.

Sept. 20—YRA-LIS Lloyds and Return Race, Stuyvesant Y.C.

Oct. 11—YRA-LIS Stratford Shoals Race, Indian Harbor Y.C.

CHESAPEAKE BAY Y.R.A.

July 5-6—Annapolis Yacht Club Regatta
July 5-6—Hampton Yacht Club Regatta
July 10—Virginia Cruising Cup Race
July 12-13—Rock Hall Yacht Club Regatta
July 12-13—Bush River Boat Club Regatta
July 12-13—Potapskut S.A. Overnight Race
July 13-15—Virginia Cruise Week
July 19-20—Sailing Club of the Chesapeake Race and Rendezvous
July 19-20—Cambridge Yacht Club Regatta
July 26—Gibson Island Yacht Squadron Poplar Island Race and Thomas Point Race
July 26-27—Virginia Sailing Regatta at Portsmouth, Va.
July 26-27—Chester River & Country Club Regatta
July 26-27—Potapskut Sailing Assoc. Regatta
Aug. 2—Miles River Yacht Club Race from Annapolis.
Aug. 2-3—Miles River Yacht Club Regatta.
Aug. 2-3—Potapskut Sailing Association, O. L. Tideman Memorial Series
Aug. 8—Tred Avon and Chesapeake Bay Yacht Clubs Annapolis-Oxford Race.
Aug. 9-10—Hampton Nationals at Annapolis.
Aug. 9-10—Tred Avon and Chesapeake Bay Yacht Clubs Races at Oxford.
Aug. 15—Fishing Bay Yacht Club Norfolk-Fishing Bay Race.

(*continued on page* 64)

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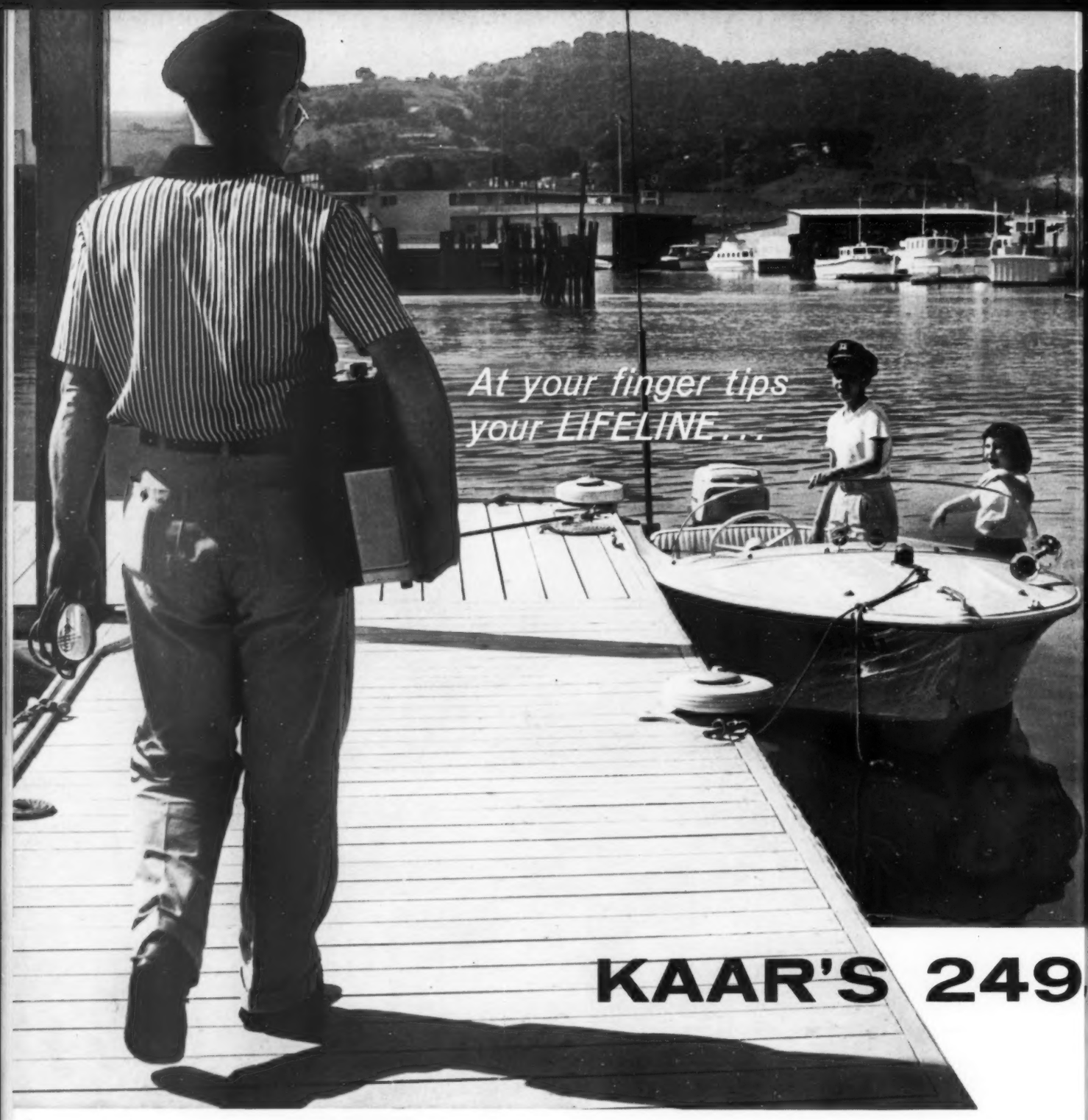

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POPULAR BOATING
Vol. 4 No. 1 July 1958

TEACH YOUR CHILD TO LOVE THE WATER

When children have learned to swim, they can be introduced to boating. Here they're started in a small, uncluttered boat, supervised by an adult. Life jackets of the correct size are a must.

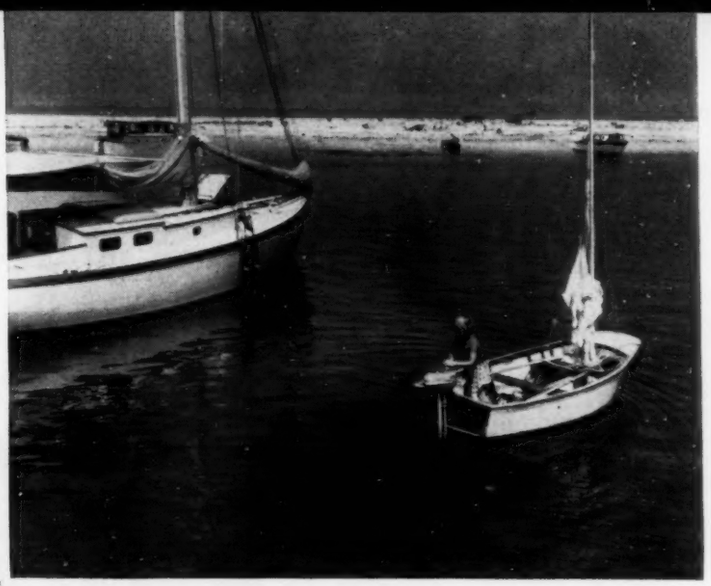
SWIMMING ability is the first requisite for safety and confidence afloat, especially for younger children. The child who can swim is not afraid of the water, yet respects it hazards. The youngster taken boating before he can swim, though wearing a life preserver, may develop a distrust of the water and a distaste for boating.

Children below the age of nine respond well to individual swimming instruction, the American Red Cross reports, if they have the desire to learn. By setting a good example, parents can do much to foster this necessary desire for being safe in the water. The Red Cross has an excellent manual for parents who wish to teach their children. Called "Teaching Johnny to Swim," it is available at the organization's field offices for 20 cents.

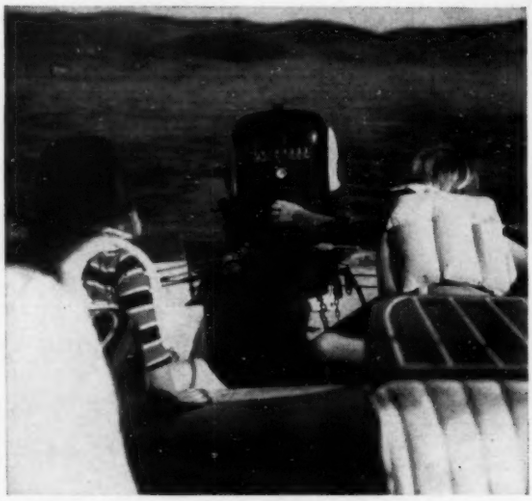
Once the youngster has learned to swim, it's time to start him in boating. Begin in something small, a skiff or dinghy perhaps, on a quiet fishing expedition or a few trips around the local harbor. At this stage children should always be accompanied by an adult. Until a child has demonstrated considerable ability in both swimming and seamanship, he should wear an approved vest-type life jacket of proper size at all times when out on a boat.

—THOMAS RANSOM

DON'T let youngster go out alone in a small, tippy craft. Girl here is seated correctly low in boat, however.



DON'T allow youngster to attempt operation of outboard motor unless accompanied by an adult. Girl here should also wear a life preserver.

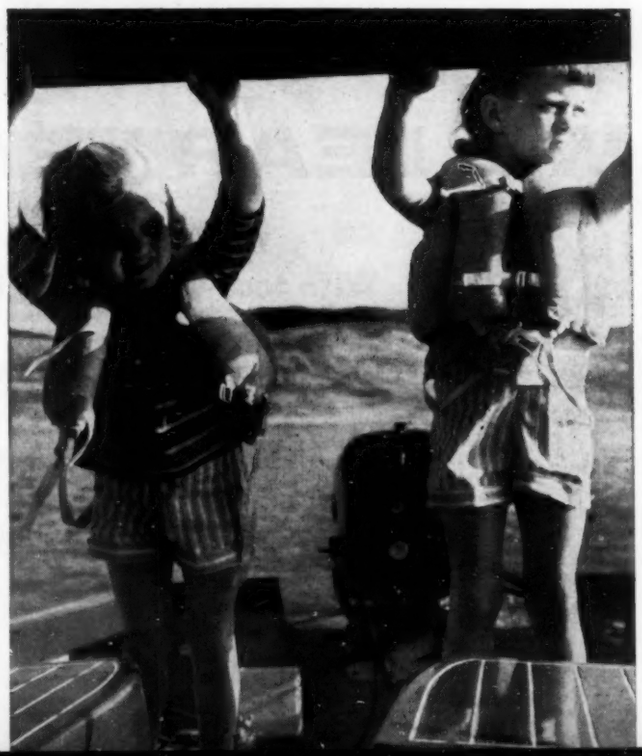


DON'T let children play with boat controls, tiller cables, or engine adjustment knobs.

DON'T allow children on bow deck, whether standing, lying or sitting. Fast turn could fling child off.

...and Five Don'ts for Boating Youngsters

DON'T let children stand while boat is underway. Sudden acceleration could throw them off balance.



ORDINARILY, parents would not leave children to their own devices in the family car, would not permit them on the roof or fenders while driving down the highway—yet these same parents might think nothing of allowing their children to ride on boat decks or tops, and in permitting them to clown all over the craft unattended.

Boating is a safe sport, but danger is always there, awaiting the careless. Aside from having all the necessary safety accessories such as life jackets, floating seat cushions, flares, and first-aid kits, the skipper should pay particular attention to the instruction of his children in the rules of safe boating.

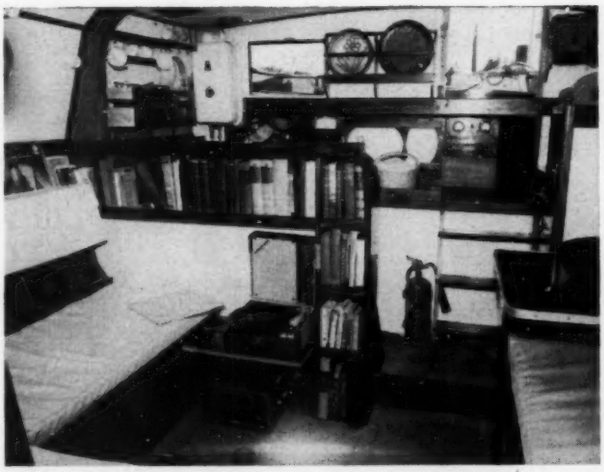
It's impossible to watch a child at all times. They get into trouble without half trying, innocently perhaps, but nonetheless dangerous. Short of strapping them down bodily, the best method of insuring fewer accidents is an attempt at explaining the danger points to the children at the outset. There is no need to excite a fear of boats and water—but it is necessary to remain firm while aboard ship, and to maintain discipline for safety's sake. Once the younger sailors learn the rules, your trip afloat will become more enjoyable. See the accompanying photographs for some of the more obvious actions which should be discouraged.

—V. LEE OERTLE

Living room is more than ample for a family of six on the Dutch-built, 36-foot Kind Wind.

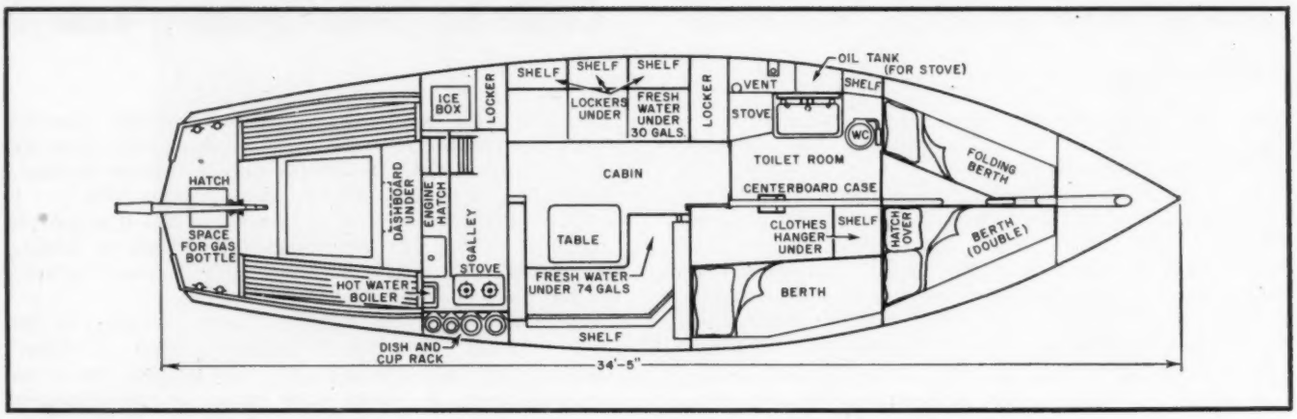
WE LEARNED TO CRUISE

With four youngsters, including two of pre-school age, this live-aboard couple has developed family sailing into a science—here are their hints for keeping children amused and safe while boating



Main cabin is shown here, looking aft. Galley is behind bookcase. Transom settee, left, opens up to a full double berth. Headroom is generous.

It's chow time for Lizzie, and she gets a helping hand from the Captain. Meals while cruising are kept simple; children's appetites are always good.



Children sleep in forward cabin, where net hammocks are rigged to hold toys and books. Midships cabin acts as sound buffer between children's cabin forward and main cabin.

WITH CHILDREN

By Helen Chanler

HOW we did it, I don't exactly know. But once we got on *Kind Wind,* the unusual 35-foot steel sloop designed and built for us in Holland, we stayed on, more or less, for the past three years, and have cruised from Nassau to Maine.

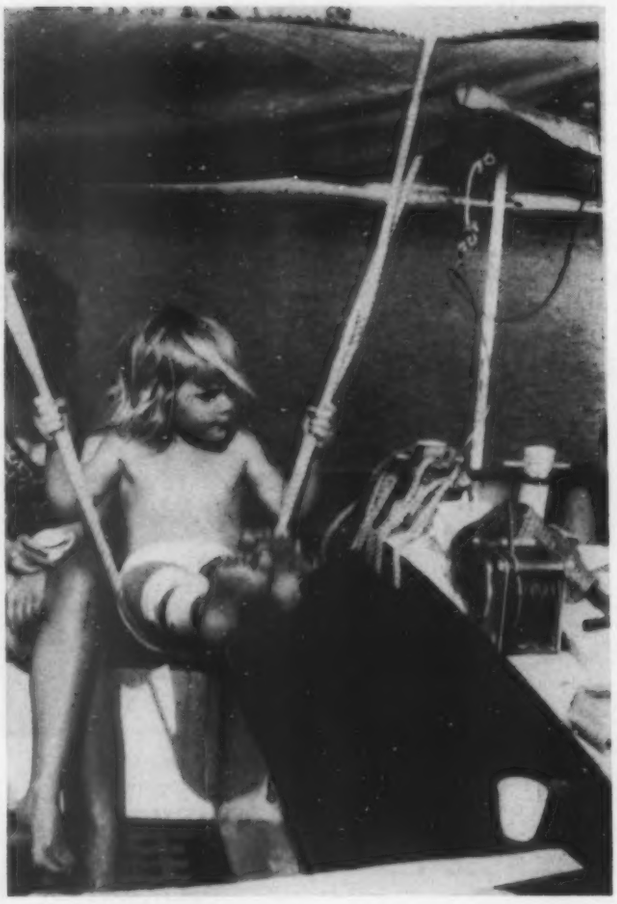
There are seven of us in the summer, when the "big" children are out of school, and four of us the rest of the year. The ages started at one and a half (now four and a half), and went up to 14 (now 17). To Sylvia and Elizabeth, *Kind Wind* is "home"; to John, Kate and Pleasance, she is "vacation."

We were lucky, I suppose, in having a boat built for us. Most of the problems of cruising with children had been worked out by the designer, when he literally "invented" his *Alcyone* for his own family.

And that's the first "how" if you plan to cruise with youngsters: pick a safe, seakindly, roomy ship; one comfortable when sitting still or pushing through mountainous waves. Safety, on *Kind Wind,* includes bright orange lifejackets for each child, obviously, and a double tier of stainless steel life lines circling the decks. We also carry a big life ring with its nylon line always tied to it, ready to throw overboard; a fiberglass dinghy with an outboard; a navy surplus yellow life raft; sets of night and day flares; a big electric searchlight, and an auxiliary sealed-beam flashlight.

Safety in cruising with children depends on your ship,

CHILDREN continued on next page



A little clowning is okay under mother's watchful eye. A swing is easily rigged from boom, left, and the boom itself makes a fine horse, below. Bandages on Lizzie's leg are result of a scrape against a barnacle-encrusted piling on a pier.

your knowledge, your experience, and your judgment. I don't know which of the four is most important, but lack of judgment is the most dangerous.

In general, you don't have to worry about children falling overboard. Naturally, you don't leave small children alone on deck and, naturally, you keep an alert eye on them. They develop a healthy regard for water and distance, and a keen sense of judgment in moving about on a boat. Watch them as they climb aboard: notice how careful they are, how they measure distance first and do not take chances.

Dockplay is different. The dock seems solid, like land, and there they lose their natural sense of carefulness. That's where all our "overboards" have happened, fortunately always within ready reach of Daddy.

You will develop a healthy regard for weather. We feel a radiotelephone is important for family cruising, and got one with a better than 300-mile range. On several occasions when conditions have been especially bad, it was comforting to be able to contact the Coast Guard.

Most cruising grounds of the world are subject to fog. For these you must have a fog bell and horn. Make sure the children haven't removed the horn's mouthpiece at some time or other! A good direction finder, and the knowledge of how to use it, is essential to family cruising. Check it often to be sure the children haven't turned it on and left it on at some time; a dead battery is of no help.

Remember, those sticky little fingers are active most of the time, tying knots in unusual places, turning on knobs, or dropping objects into the head. A marine toilet is an extremely delicate creature; with children aboard, it becomes hypochondriac. Don't forget to have a strict ritual about turning off seacocks when sailing, and if your boat has running water, you have to watch the faucets too.

If you're going to cruise for just a few weeks at a time, don't worry about luxury aboard your boat. Simplicity is the keynote for all family cruising; simplicity and the determination to do with less, rather than more things. You will want clothes, like everything else, in minimum. You will probably need only two kinds: dress-for-dinner-or-dance, and shorts, blue jeans, sweaters, shirts, bathing suits.

Miracle fabrics exist in profusion, fabrics that are virtually wrinkle-proof, easily washed, and need no ironing. Fortunately too our modern age both likes and compels "easy" clothes, casual and comfortable.

Regarding Topsiders, bathing suits and sweaters, we find a "communal" open bag for each item handy. It doesn't matter whose they are, as long as they fit. The idea is not to forget them. A Nassau straw market bag on a hook, or a canvas ice bag is a simple matter to rig.

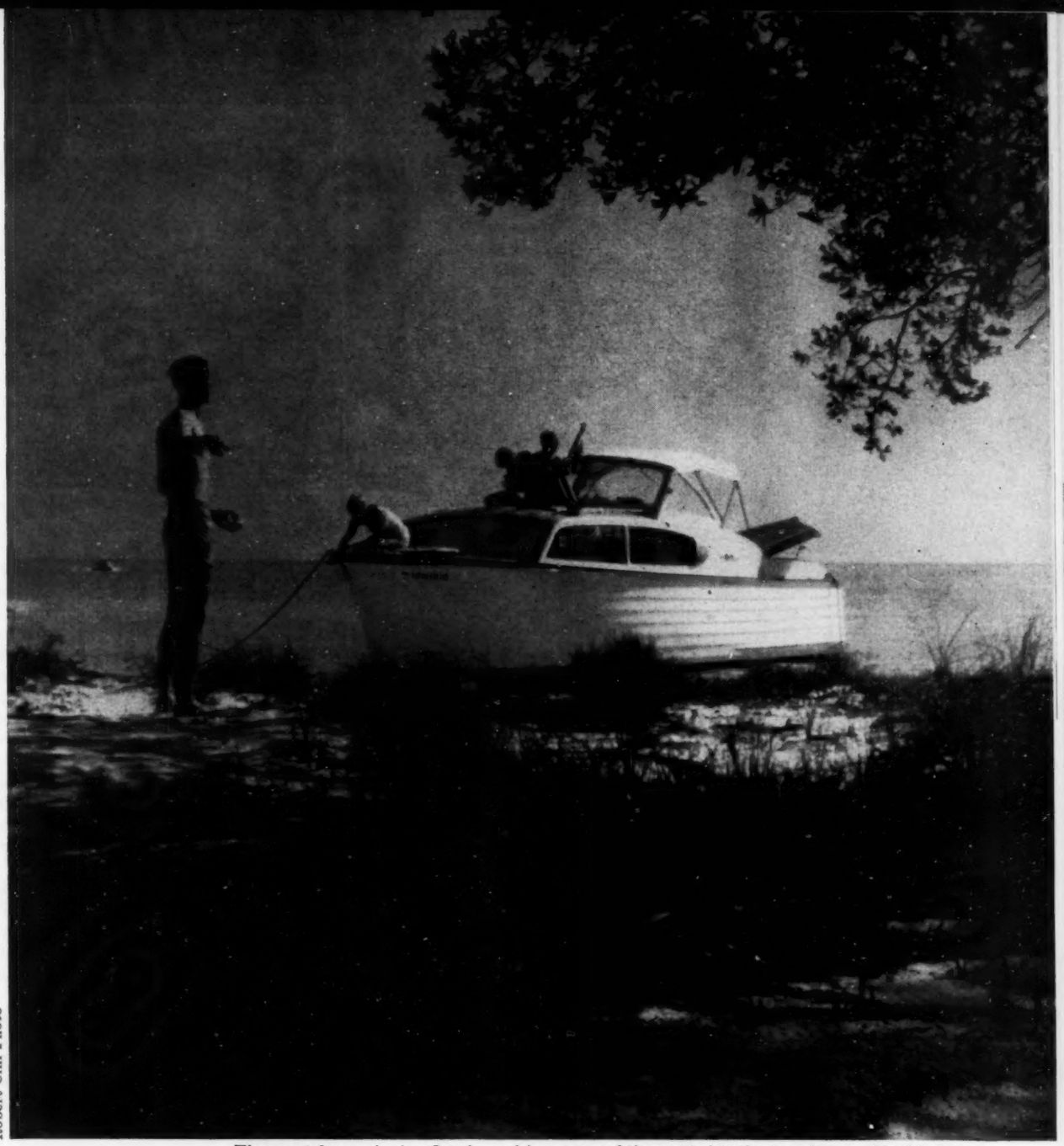
A word about laundry: when you come in to a harbor, time for laundry and shopping may be limited. Have everything that needs washing gathered and in a bag before you tie up, ready to drop off at the laundrymat first thing. Then it will be ready to pick up on your return to the boat.

Among the handy items to take along when younger children are aboard are plenty of Band-Aids. It's surprising how fast these can disappear when the little darlings use them for *their* little darlings—the dolls. It's an excellent idea to have a supply somewhere where the children can't find them. The same with aspirins, thermometer, sun cream, baby powder, hot water bottles and ice bags. The First Aid kit should be kept in a noticeable and accessible place, so it's well to have a second kit, or at least most of the items for it, in a hidden, relatively inaccessible place.

It is also a good idea to have a supply of toys and books along for the children. These should be kept below at all times, otherwise they have a tendency to go overboard. To secure them, we rigged nets in the children's stateroom.

Shipboard routine depends on the age of the children, and the type of cruising you're doing. Older children can certainly help with boat chores, and will often be willing to pitch in on jobs they would take pains to avoid at home.

—HELEN CHANLER



Robert Cihi Photo

Time out for a picnic: Candy and her crew-of-the-week hit the beach on a Florida key.

FIRST CHARTER

We couldn't afford our own cruiser but we still had a full week of fun afloat

FAMILY BOATING

"I learned about boating from that"

By Catherine Seymour

FROM the moment we first saw the folder, Bob and I were enthusiastic about the idea of taking a cruise. "You're the Captain," it said. "Rent your own yacht by the day, week or month." I pictured myself sunning on the deck while Bob, in trim nautical cap and jacket, steered our craft through the calm, tropical waters of Florida, where we planned to take our week's winter vacation.

"Now we can see how much we would like having a boat," I said.

"What makes you think I could run it?" Bob asked.

"You used to have a sailboat, didn't you? Anybody can run a power boat. It's like driving a car."

And so, after a pleasant correspondence with Miami Yacht Rentals, we found ourselves this brisk February afternoon shaking hands with the proprietor, Bert Green.

CHARTER continued on next page

"After only a few hours of instruction, we were

With a little practice, Catherine Seymour learned to handle cruiser. Unseasonably cold weather in Florida made heavy clothes necessary on part of trip.

"Welcome aboard the *Candy*," he said, leading us to inspect our cruiser. *Candy* looked even better than her pictures, and she was well equipped with everything we'd need except the food and bedding which we'd been advised to bring with us.

A 26-foot Chris-Craft Sea Skiff, she looked sturdy and seaworthy, and was roomy and comfortable besides. Along one side of the cabin were upper and lower bunks and a convenient galley. On the other side were an enclosed head and wash basin, a dinette that could convert into a double bunk, and a locker to hang clothes. The cockpit had two deck chairs, a folding seat for the skipper, and a canvas top to keep us dry. Best of all, there were no reminders of former tenants; boats are hauled and refurbished between each charter, and she looked brand new!

Atmosphere at Key Haven marina in Tavernier proved so friendly that the Seymours cancelled plans to go to Key West, remained here for several days.

Although our charter period was to begin the following morning at eight, we moved aboard that afternoon to be ready for an early start. We planned to spend a few days cruising around the Keys, then north from Miami along the Inland Waterway for as long as we had time. There were excellent Intracoastal Waterway charts aboard *Candy*, and we had the Southern Edition of the *Inland Waterway Guide* with us.

The captain came aboard promptly at eight the next morning, and explained long and earnestly to Bob how the twin-screw engines worked, and how they helped to steer the boat. He was something of a cowboy as he demonstrated handling the boat; we shot out from the pier at high speed, turned on a dime in mid-river, and came back in to the pier with inches to spare. After several of these virtuoso performances, he turned the controls over to Bob. Bob was subdued and nervous, and the strong river current and stiff breeze blowing didn't help matters a bit. His first few attempts were miserable failures; the boat wouldn't behave. Just as I thought he might not qualify as a skipper, he made a fairly decent landing.

"I'd better stay here and practice for a few hours, don't you think?"

"Heck, no," answered the Captain. "The longer you practice, the worse you'll get. If you do something well once, don't try to repeat it right away. Let it seep in. After awhile, with a little ordinary practice everything will come naturally to you. You'll do all right."

So there we were, chugging down the Miami river—on our own! Each bridge looked too low, but our boat passed under them all easily (later, when we were on the Inland Waterway, we may have waited needlessly at drawbridges we could have cleared, because we never did learn the clearance of our boat).

Now that we were on our way, our charts made sense to us. We could count off channel markers as we passed them, and identify others in the distance through our binoculars. But Biscayne Bay is too big to see across; we steered by compass, according to Bob's calculations with his dime store protractor.

The water turned choppy, then quite rough, and after one violent lurch it dawned on me that we'd left our camera equipment and radio on the cabin table. I dashed below just in time to save our 10-inch telescopic lens, hanging miraculously from the edge of the table. The rest was already on the floor, but fortunately nothing was broken.

We had picked Tavernier for our first night's stop because it's the headquarters of the Audubon Bird Society's winter tours, and Bob is an amateur bird photographer. When we neared the town, about four in the afternoon, Bob practiced bringing the boat up to a channel marker in the bay for some time before he felt confident enough to bring it into port. Our first landing would have been perfect, except that one channel marker had fallen down, and we edged into some soft mud along the way.

One of the notes about Tavernier in the *Inland Waterway Guide* says that the people at Key Haven are so friendly that boatmen often stay longer than planned. We certainly found that so. There were four or five men on the pier who helped us as we came up for gas, and again when we tied up in our berth. We were shocked to find that marine gas costs as much as premium auto fuel, but

pleasantly surprised that the cost to tie up for the night, with electricity, water, and full bathroom facilities ashore, was only 10 cents per boat foot—for us, $2.60.

Our plan had been to spend the next night at Marathon, then cruise to Key West. But we enjoyed our photographic bird hunting around Tavernier so much that we never got past Marathon, and found ourselves coming back to Tavernier every night. Every day was a new adventure at sea, and after Bob taught me how to steer with the waves so we left a straight wake behind, he let me spell him at the wheel on the long hauls.

We felt more confident of our seamanship now, and after banging around at the pier one night we awoke to find the skies clouded over and the wind blowing strong. We were ready to seek the calmer waters of the Waterway above Miami. It had turned colder, and after we'd cast off, I put on everything warm we'd brought, including Navy foul weather gear.

We headed for Bahia Mar in Ft. Lauderdale, but were so chilled that we pulled into the marina at Hollywood. Only one man greeted us as we pulled up to the office to ask for accommodations for the night. He assigned us a berth, and Bob made a very creditable back-into-it against an adverse wind. I stood at the stern ready to toss our lines to the man on shore.

"Aren't you going to secure the fore lines first?" he asked.

I went forward, picked up a line and put it over a piling as Bob brought the boat up. But as it wasn't knotted, it slipped past the guard and plopped into the water. I didn't know what to do, and Bob couldn't leave the wheel to help. Finally, the man ashore, who'd been watching my incompetence with some amusement, said, "All right, let me on board and I'll do it." Quickly and expertly he made loops, slipped them over the pilings, and we were secured—too well.

COST OF TRIP

7 days charter fee	$195.00
3% Florida sales tax	5.85
Complete marine insurance @ $2. per day	14.00
Gas and oil	78.00
Marina fees	13.00
	$305.85

"Guess your bow lines are too short," he commented as he leaped a good three-foot gulf to the pier and disappeared.

Bob found extra lines below, and added them to the existing ones. As I doled out the stern lines, Bob completed this makeshift arrangement. We'd learned one lesson. Never again would we be caught without ready-made loops in our bow or stern lines.

This marina, built and maintained by the city of Hollywood, is free. Some families must spend the winter there, as the next morning we saw children leaving boats with school books under their arms. But there were many fancy yachts and charter fishing boats, also.

Cruising along the Inland Waterway was too much like driving on a highway for our taste. You lose that freedom-of-the-seas feeling we'd had. It's a wonderful way to see the fine houses in their elegantly landscaped settings, but after a few miles even these begin to look alike. We turned back before we reached Pompano Beach, and spent our last night at Deerfield Beach, a charming little resort we could explore comfortably on foot.

One last thrill awaited us—the ocean! We left the Waterway through the inlet at Ft. Lauderdale. We could see the Gulf Stream offshore, marked by lines of fishing boats—and felt its turbulence for the first few miles. But the sparkling blue water, the clean fresh air and the fabulous parade of resorts along the beach made that last day a memorable finale to our trip.

Deluxe apartments, hotels and mansions line the waterway north of Ft. Lauderdale, but Seymours felt cruising here was much like highway driving.

We were sad to leave *Candy*, now that we felt we'd mastered the art of handling her. But after first-hand experience with a boat like this, you just know this was the first of many vacations afloat, especially after we learned that for an additional $60 for a week, we could cruise to the Bahamas.—CATHERINE SEYMOUR

The 26-foot Sea Skiff proved roomy and comfortable for the entire trip. Kept in brand-new condition, it cost less than $200 to charter for a full week.

Looking out to windward to keep tabs on the opposition boats, Arthur Knapp, Jr., stands his watch at the helm of Rod Stephens' sloop Mustang during a New York Yacht Club race. Winning is not new to Knapp, who has walked off with trophies in almost every important class in Long Island Sound competition. His race record won for him the honor of skippering the possible America's Cup Defender, Weatherly, in this seventeenth challenge for the Cup by Great Britain.

boatman of the month

ARTHUR KNAPP

By John L. Duffett

One of the nation's top racing skippers, he may win the America's Cup for the United States

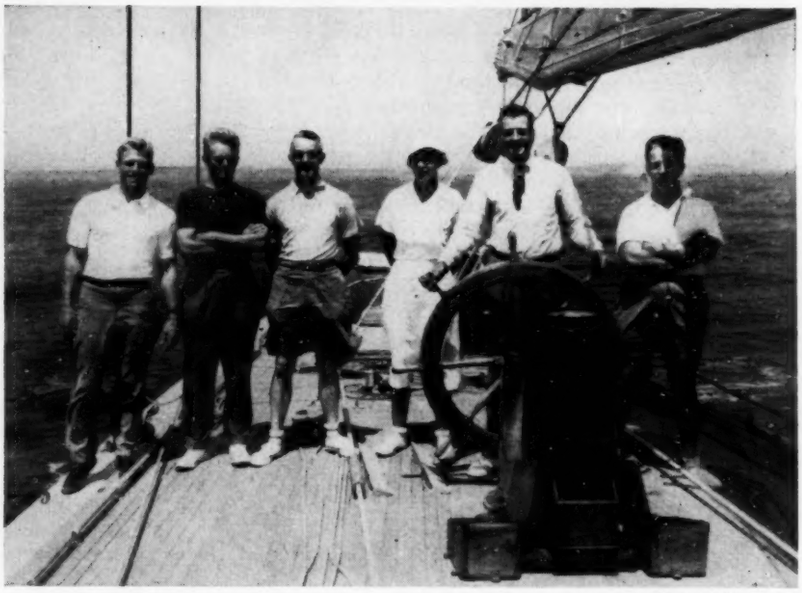
IN MID SUMMER on the waters off Newport, Rhode Island, when four of the fastest racing sailboats in the United States fight for the honor of defending the America's Cup against the British challenger, one of these sleek 12-meters will be *Weatherly*, designed by Philip Rhodes and skippered by a sailor who has raced—and won—in everything from 11-foot dinghies to 135-foot J boats. This year's is the 17th contest for the Cup, most famous of all yachting trophies, as Britain tries for her first win since the series started in 1851.

When Phil Rhodes began the critical search for the Skipper of the *Weatherly*, he said he wanted, "A master tactician who can make a boat eat out of his hand." He chose Arthur Knapp, Jr., of Larchmont, N. Y., stock broker, author, and one of the hottest racing skippers in the world. If originality, canniness, experience, racing intuition and just plain hard driving will edge a boat over the finish line first, Arthur Knapp may well be the next man to secure for this country the famous rococo, tradition-filled mug resting in its case at the New York Yacht Club. If he does, he will have copped the greatest prize in yacht racing and rounded out many years of firsts with the most glory-packed win of all.

There is a reason for this intense hand-picking of the crews for the possible Cup Defenders, and the reason lies in the boats themselves. Never before in an America's Cup Race have the two contenders been so closely matched —the yachts being almost a tightly closed One-Design class. The weather will be the same for both yachts and due to the strict measurement rule for 12-meters, the op-

Carleton Mitchell Photo

If Weatherly is successful at the Cup Trials, it will be the second challenge which Knapp has defended. Below, he is pictured with the afterguard of the Super-J Boat Ranger, 1937 winner. Left to right, Roderick Stephens, rover, Olin Stephens, relief helmsman, Zenas Bliss, navigator, Gertrude Vanderbilt, observer, Harold Vanderbilt, skipper, and Arthur Knapp, sail trimmer.



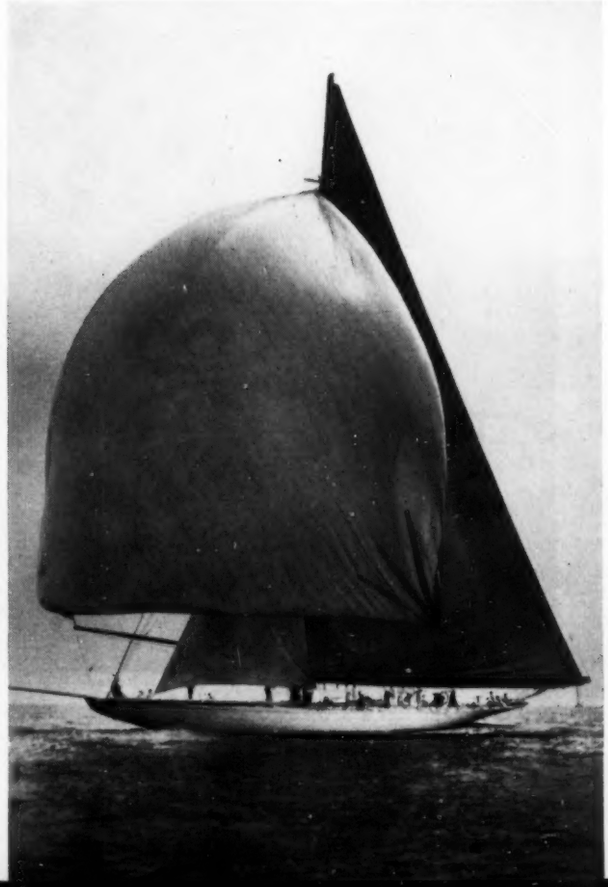
Rosenfeld Photo

In exclusive photo, below, with cigar clamped between his teeth, "Knappy" might here be describing the weather during a race or commenting on the way competitors navigated.

Carleton Mitchell Photo

As sail trimmer aboard Ranger, Knapp had her giant 18,000 square foot spinnaker, the largest sail ever made, in his charge. Teamwork and superior sail handling were some of the factors that won the Cup for Ranger.

Rosenfeld Photo



ponents for the Cup will differ only in minor ways and finer points of rigging. Tactics employed by the skippers and the sail handling of the crews will be the most important factors that decide the race.

If any man is eminently qualified to race a Cup Defender, it is Arthur Knapp. He has been racing since he was nine, won a championship at 10, and owned his first racer, a Star, at 11. His racing record includes wins, championships, highest honors at race weeks, and enough trophies and prizes to furnish a silversmith with raw material for years. Not content with living and talking sailing, he has written a book which "gives away all his secrets": *Race Your Boat Right*, published by Van Nostrand, has been a bible for a generation of racing hopefuls. Forty-two years of competition in Butterflies, Stars, Internationals, Frostbite Dinghies,

BOATMAN continued on next page

"J" Boats and ocean racers are analyzed, annotated and discussed in detail in a book covering every subject from how to prepare a fast bottom, to the best way to cross the starting line for maximum advantage over competitors.

Sail handling will be one of the most crucial factors in the duel between the possible Cup Defenders, and it is in the sail handling department that Art Knapp excels. As a member of *Ranger's* afterguard in the memorable Cup races of 1937, the trimming, setting and care of the headsails, including the giant 18,000 sq. ft. spinnaker, probably the largest sail ever made, was his domain. Setting a big kite like *Ranger's* was a tricky, dangerous job that required teamwork and split-second timing. It was this kind of sail handling that won for *Ranger*, and which is Arthur Knapp's cup of tea. In the trial races to select the defender, Harold Vanderbilt had trained his crew to jibe with that tremendous spinnaker still flying, a more seamanlike and quicker method of bringing the spinnaker, mainsail and boom over on the opposite tack. During the maneuver there were a few seconds when there was either no spinnaker pole or two poles in use at some time during the jibe, in violation of the then existing New York Yacht Club rules. It was the *Ranger* afterguard's demonstration of the superior seamanship of such a maneuver that was finally responsible for the New York Yacht Club change of rules so that the practice has now become universally legal.

In his book, Knapp gives a hint as to how he will train his crew in spinnaker jibing. "On any jibe, teamwork is absolutely essential. One slip or false step on the part of any member of the crew can result in the damnedest snafu you can imagine. Practice, and a complete understanding by all hands of what is going to be done, are the only things which will solve the problem." The author's long record of wins proves that he has this happy knack for training teamwork into his crews.

Harvey Weber Photo

Arthur Knapp has started many future champions racing. Here four-year-old Stephen Ward Bell crews for him as did Stephen's father, Stanley, eighteen years ago.

If teamwork is one face of the winning coin, the other is tactics, and the Skipper of *Weatherly* need bow to no one as a shrewd and skillful race campaigner. Here, too, his record speaks for itself. He won the Sears Bowl Race for the Larchmont Yacht Club Juniors in 1922, and two years later won the Pequot Cup Junior Sailing Championship of Long Island Sound. In 1928 he was Captain of the Princeton Sailing Team, which he helped to found, and beat Yale and Harvard in an 8-meter to win the first Intercollegiate Championship. He crewed on Star boats that twice placed second in the International Races, and in 1930, in his own *Peggywee* won the International Star Boat Championship for the Larchmont Yacht Club.

In the 1930s, he won three Sound Interclub Championships in *Kenboy*, and sailed William H. Stanley's *Bumble Bee* to three International Championships for the Fourth in his ten years of International Class racing. The 1958 winter Frostbite season at Larchmont saw Knapp in his Interclub Dinghy, *Agony*, with his godson, Bobby Waldon as crew, walk off with as much of the available silverware as he could carry, plus his ninth Frostbite Championship in the twelve years he has been with the Larchmont Interclub fleet.

The United States Coast Guard is probably the only Institution, other than Arthur Knapp, Jr., to have taken part in so many Bermuda Races. He sailed with Bill McMillan in the *Merry Widow* during the 1928 race, with Rod and Olin Stephens in *Dorade* in 1930, 32 and 34. He was with the *Burma* in 1950, in the afterguard of the *Jane Dore III* with Hobey Ford in 1952, and with Rod Stephens in *Mustang* in 1954 and 56. He also sailed with Carleton Mitchell in the *Finisterre* in 1956 and in last year's Miami-Nassau race, when *Finisterre* cleaned up everything in the Southern Ocean Racing Conference.

In any race it helps to know the way your opponent thinks, what his racing habits are, and perhaps, where his weaknesses lie. Although it works two ways, Arthur Knapp has sailed with or against practically all of the potential crews expected to take part in the Cup trials. He sailed Stars with Briggs Cunningham, and helped to win against Gerard B. Lambert, former owner of the "J" Boat *Yankee* in the 1937 America's Cup Trials. He was in *Ranger's* afterguard and raced extensively with Rod and Olin Stephens, and should therefore know what to expect from the *Columbia*, the Sears-Cunningham-Lambert entry. As for the veteran campaigner, *Vim*, now 19 years old, Knapp is well acquainted with her and was aboard with the Matthews family as a member of the brain trust last summer. He raced against Chandler Hovey's *Rainbow* in the 1937 Cup Trials and against Ray Hunt in the '22 Sears Bowl competition. The Hunt-Hovey contender, on the other hand, is pretty much of a dark horse that has everyone on edge, and evidently only the trials will tell what to expect from her.

Already there are certain predictions that one can make about his skippering of *Weatherly*. First he will try for 100% crew, sail, and tactical efficiency in the tune-up time available to him. Positions on the genoa sheet tracks will be numbered for fast locationing; sheets and halliards prepared in different material for quick recognition. He will call conferences with the crew in "Mike" Vanderbilt's fashion to discuss every aspect of the day's sail and accept suggestions for improvement. His prime philosophy and consideration will be Commodore Harry Maxwell's one of, "Get ahead at the start and stay ahead!" The maneuvering at the starting line will constitute much of his tactical strength and the windward legs will be the telling ones. If he is

BOATMAN continued on page 34

CECIL G. LEEK (right) President, C. P. Leek & Sons; Donald J. C. Leek (center) Vice President; John E. Leek, Jr. (left) Executive Vice President inspect twin Chrysler Crown installation on a 33 ft. Pacemaker Express Hardtop.

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headed at the start, he will try to get a clear wind and work out past by superior sail handling and the alertness to capitalize on another boat's mistakes which others sometimes dismiss as "Luck."

At 51 suntanned years, with a small reddish mustache, close-cropped gray hair, and a step that is jauntily athletic, Arthur Knapp is alert and hard enough to drive himself and his crew to give their best. That he is rugged is proved by the freezings and icy dunkings that come with winter frostbiting, another of his loves.

When not freezing to death racing, he can be found at Post number 16 on the Floor of the New York Stock Exchange, where he calls the shots as an associate broker with the firm of Carlisle and Jacquelin, odd lot dealers, of 120 Broadway.

The lovely *Weatherly*, which will soon feel the masterly touch of Knapp's hand on the helm, was built at Luders' yard in Stamford, Conn., and has a tentative launching date sometime in early June. She is being sponsored by a syndicate formed of Henry R. Mercer of Rumsen, N. J., Arnold D. Frese of Greenwich, and Cornelius Walsh of Jersey; all associated with the States Marine Shipping Co.

Arthur Knapp is a racing man's sailor. He has said, "I love, for my part, working my boat up in the puffs and 'feeling' her eat to windward as she goes along . . . of knowing your boat and listening for a possible diminishing sound of the bow waves as you watch the slight luff in your sails." When the Cup Trials are over and THE contender is picked—it may not be *Weatherly*. Arthur Knapp might lose the trials, but in any case it will be close. Whatever the outcome, however well "Knappy" manages to control the "Variables" that decide a race, one thing is certain . . . he will have sailed the race well and hard, with that sportsmanlike attitude and thoroughness with which his name has come to be associated in American yachting.

JOHN L. DUFFETT

Rosenfeld Photo

Arthur Knapp's first love is to race under sail, whether it is as trimmer of Ranger's mammoth headsails as above, racing Frostbite Dinghies, or defending the famous America's Cup in Weatherly.

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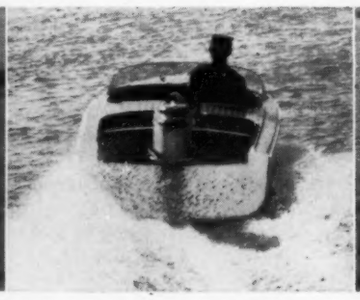

14′ LIDO—(center) jaunty open model with upholstered seats; other Lido models for every purpose and pocketbook.
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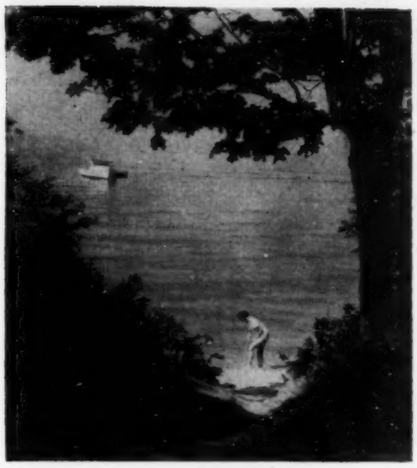

A secluded beach and anchorage are available for any family on almost any afternoon among these islands off Ohio's shore.

OHIO'S BASS ISLANDS

Goal of 75,000 pleasure craft every season, these "Treasure Islands" in Lake Erie beckon to boatmen from all over the Middle West

By Erwin A. Bauer

SUMMER travelers along Ohio's western Lake Erie shore are often surprised to see a necklace of emerald isles floating on the hazy blue horizon. These are the Bass Islands, a picturesque, rocky archipelago that Ohioans invariably call the "Treasure Islands."

This entire region is a wonderful "promised land" for outdoorsmen. From Put-in-Bay on South Bass Island, largest chunk of real estate in Ohio's portion of Lake Erie, it's possible to explore hundreds of miles of changing shoreline, of limestone ledges, lonely beaches and glacial grooves. With any craft from a cruiser to an outboard skiff you can drift or troll across thousands of acres of underwater reefs and bars. Some sort of sport or adventure is possible hereabouts the year around. It's a country tailor-made for outdoor holidays.

Nowadays this is the busiest as well as one of the best freshwater boating areas in the country. Unlike some other regions it has space and facilities aplenty for everyone. With boat and trailer in tow, it's an easy day's drive for one fourth of all citizens in the United States. Cleveland, Detroit, Toledo, Akron and Columbus are only hours away. Buffalo, Pittsburgh, Chicago, Indianapolis, Cincinnati and St. Louis are handy, too. On a typical day in July, cars from all these places will stand side-by-side at a hundred docks and marinas.

Here also is a region with a past. It began with Commodore Oliver Perry who wasn't the Islands' *first* boatman, but remains the best known skipper even though 150 years have passed. In Put-in-Bay harbor Perry assembled and outfitted a small fleet—and then proceeded to destroy a British force from across the Lake. This historic engagement ("we have met the enemy and they are ours") just about settled the War of 1812—and established peace with England and Canada once and for all. A 400-foot monument commemorates the peace; day and night it is a landmark for modern boatmen and anglers.

All of the Islands' past isn't concerned with history. Once this was a gay and plush watering place for rich and famous from around the world. Lillian Russell was a typical visitor at the internationally renowned Victory Hotel on South Bass Island before World War I. It boasted the first swimming pool where men and women could swim together, and was a Las Vegas of its era. But when Prohibition came and, far worse, was enforced, the place wilted overnight. The Victory burned, and today summer visitors poke through the sad ruins and recall other days.

There was a period in the Twenties when bootlegging brought violence to the Islands, but mostly between World Wars the Islands dozed and fell somewhat into decay. But with the new boom in sports and family boating, the Treasure Islands found a brand new lease on life again.

Fishermen were the first to "discover" what must certainly rank with the most fertile fishing holes in the land. Commercial fishermen alone harvest thirty million pounds of fish annually! Sports fishermen have *always* used the area, too, but until today's inexpensive runabouts and reliable outboards arrived for every family, it was practically impossible to reach the best fishing grounds. Fishing was mostly confined to a few local charter boats. Now that's all changed and the most productive water is available to any angler.

Altogether there are 30 species which fishermen might catch, but most popular is the walleyed pike—locally called pickerel. He's a willing striker the year around, even through the ice in winter.

Second most abundant is the yellow perch. On an average summer's day, they're striking everywhere, especially along rocky shores, near docks and near the drop-offs around such small islands as Mouse, Green, Starve and Ballast.

Early every June, first-time anglers in the area return to shore with stringers containing hundreds of white bass. Few natives will raise any eyebrows—nowhere on earth is white bass fishing any faster than right here. These fish run in vast schools feeding on the surface, and to find a school, perhaps off Rattlesnake Island, is to fill a boat with them. Fortunately this is perfectly legal since Ohio has no closed seasons, no size or creel limits on any fish.

Most really *serious* fishermen are after smallmouth bass, usually abundant hereabouts. Fishing for them is best through May, June and October when they're close to rocky or gravelly shores and still in water shallow enough for casting with small spinning lures and jigs.

Anglers also catch sheepshead, carp and channel catfish wholesale in this Island region. But that's not all.

BASS ISLANDS continued on page 39

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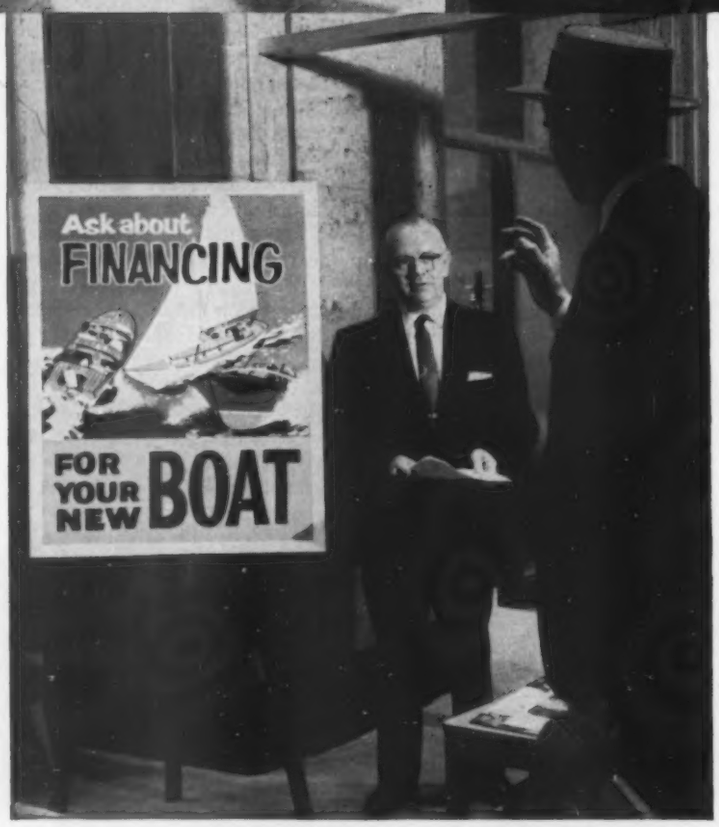

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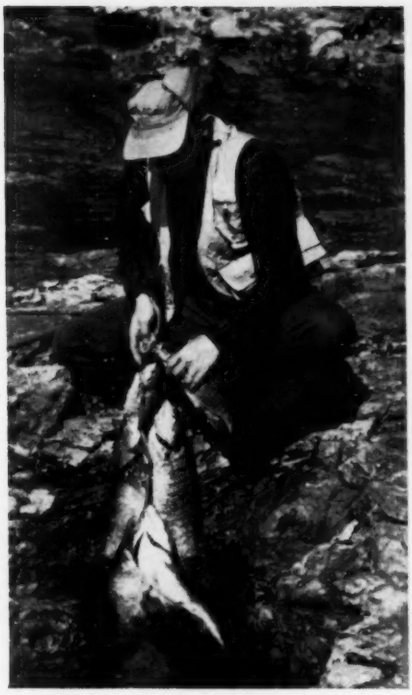
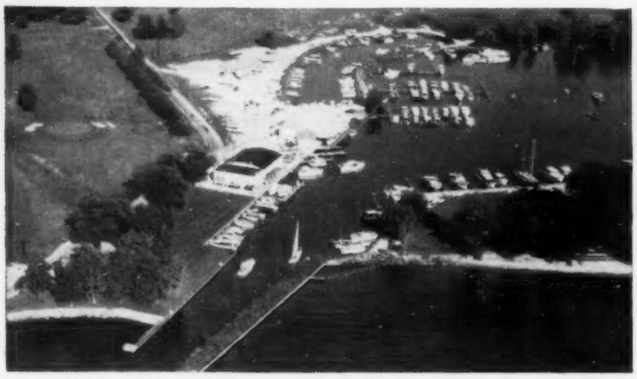
The International Peace Monument at Put-in-Bay rises over excellent fishing waters to mark the scene of Perry's naval victory in 1813 and lasting peace with Canada.



Walleyed pike, yellow perch, white and smallmouth bass can be caught without creel limit any season.

Sohioan Photos



Attractive sheltered harbors like the Catawba Marine Sales marina, operated by Bob and Jennie Kyle of Catawba Peninsula, offer slips for power and sail craft, and friendly service and local fishing advice as well.

Nationally famous Thistle sailboats, made nearby by Douglass & McLeod of Painesville, Ohio, are hauled after Lake Erie racing.

Along the Ohio mainland nearby and in Sandusky Bay, these same species are abundant. At East Harbor, a lovely, shallow bay connected to Lake Erie, there is premium angling for largemouth bass, bluegills and crappies as well. But make no mistake, this colorful vacationland offers far more than topnotch fishing.

To push off from any mainland port—from Port Clinton, Sandusky, Lakeside, Marblehead, Catawba—and to cruise out to the Islands is to be suddenly transferred from the busy present to the hickory-smoked past. The entire Island atmosphere, even the architecture, recalls another generation. Even though such special events as the Great Lakes Regatta (usually held in August) and the Grape Festival (held in September) are noisy, boisterous affairs, it's otherwise a quiet and peaceful place to play and relax. There are old strontium caves to explore, unusual water birds to study.

The wine industry is always interesting, too, whether you simply sample the products or boat out to century-

BASS ISLANDS continued on next page

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old cellars to see how the stuff is made. Two cellars and taverns (Lonz on Middle Bass Island and Webster's on South Bass) are especially aged and picturesque. Both are well-known headquarters for boatmen from all over the Midwest.

A most familiar and popular figure hereabouts—and a man who has combined a vocation with an avocation—is Bob Kyle of Catawba Island. Kyle now owns and operates a fine marina and yacht harbor near the tip of Catawba, closest jump-off point for the Bass Islands. His apprenticeship for the job was two decades of cruising, fishing and sailing around the archipelago until he knew all of it as well as his own living room. Today he can give customers advice on every phase of it except the weather.

Both Kyle and his neat little harbor are typical of local people and local facilities which cater to summer boating fans. The 250 boat owners and most visitors in his harbor depend on him as an authority just as many drivers depend on service station attendants. Even out on the water with his wife, Jennie, and his two teen-age sons (who also work at the marina), he is besieged for advice on where to fish, the distance from anywhere to Kelley's Island and the meaning of a sudden change in wind velocity.

Bob Kyle estimates that 75,000 craft of various designs use the Lake Erie Islands area between Sandusky and Port Clinton. A beehive of activity on every weekend when the weather is good, about 2000 boats (twice as many as a few years ago) visit or use his harbor alone. Still he figures that the number will continue to increase in the next few years.

In spite of vast activity and the tremendous fleet using this region, it's possible to find a lonely strip of shore somewhere—and to anchor there for a swim or to cook a meal over an open fire on the beach.

Sportsmen can combine boating with camping in this country, too. Ohio's Division of Parks maintains well-manicured public campgrounds on South Bass Island and at East Harbor, though they may be crowded to capacity in mid-summer. Both spots are at water's edge and include boat launching facilities. Launching sites on the mainland are too numerous to list.

It isn't necessary to own a boat to enjoy the Treasure Islands. Many families, especially those which travel long distances, simply take the auto ferries from Catawba or Port Clinton to Put-in-Bay. There they can rent almost any sort of boat to fit their needs. The rental on small boats for fishing close to shore is inexpensive, and there's no need, anyway, to go very far out to catch fish.

Erie can be an unpredictable, inhospitable lake sometimes and the wise boatman keeps this in mind. The lake is shallow, storms can develop suddenly in summer, and when the wind is fresh from the northwest or northeast, conditions can be rough in the island area. Fortunately there are many sheltered bays and coves, no matter what the wind direction, and no skipper should ever wander beyond safe range from one of these spots when the skies are threatening. There are a few tragic accidents hereabouts every season, but the truth is that every one could have been prevented.

South Bass is the most important and busiest of the Islands. It contains the most accommodations and the most attractions for visitors, including hourly ferry and airlift service during summertime. Site of the International Peace Monument, it also has a lovely state park, caves, vineyards and Coopers, a restaurant which serves elegant seafood fare and sparkling burgundy.

Kelley's Island is the next largest and next most important. Here is a center of superlative fishing water, some of it right along shore. It also has vineyards, the best remaining examples of grooves carved by retreating gla-

ciers during some prehistoric age, and the ruins of a winery as old as settlement on the Island.

Middle Bass and North Bass (or Isle St. George) are comparable in size to South Bass, but some of the similarity ends right there. Both are sparsely inhabited; only about two dozen residents live the year around on North Bass which is owned almost entirely by a wine company. Both these islands are so quiet and lonely that a visitor quickly gets the impression of boating in another world—or at least of being very far away. Pheasants are numerous on all the Erie Islands and shooting in season compares with any in America, but on Middle and North Bass, the birds almost reach plague proportions some years.

A sportsman who is willing to brave the raw winds and rough, cold seas from mid to late autumn can also find good waterfowling among the Islands. Great rafts of black ducks and canvasbacks migrate through here and on the most unpleasant days, trade back and forth past rocky points. These are strategic places to set out decoys and to wait, while slowly freezing to death.

Recently Ohio's Governor O'Neill stated that Ohio's "Island Empire" has more outdoor opportunities than any area of equal size in America. This may sound like the proud boast of a proud native, but boatmen who visit quickly agree.

The Bass Islands are a place where youngsters are tanned from swimming and waterskiing on the open lake, where summer passes in slow motion, and every day is a happy change of pace. It's a region where, on an average summer's evening, every harbor is filled with boaters from everywhere else. They all soon know each other—a characteristic that becomes contagious with every newcomer. They use their cruisers as they once used summer cottages. There is boat hopping, soft music on a radio somewhere, the tinkle of glasses, the whoosh of a bug bomb—these are the sounds of the Bass Islands on any warm summer's night.

—ERWIN A. BAUER

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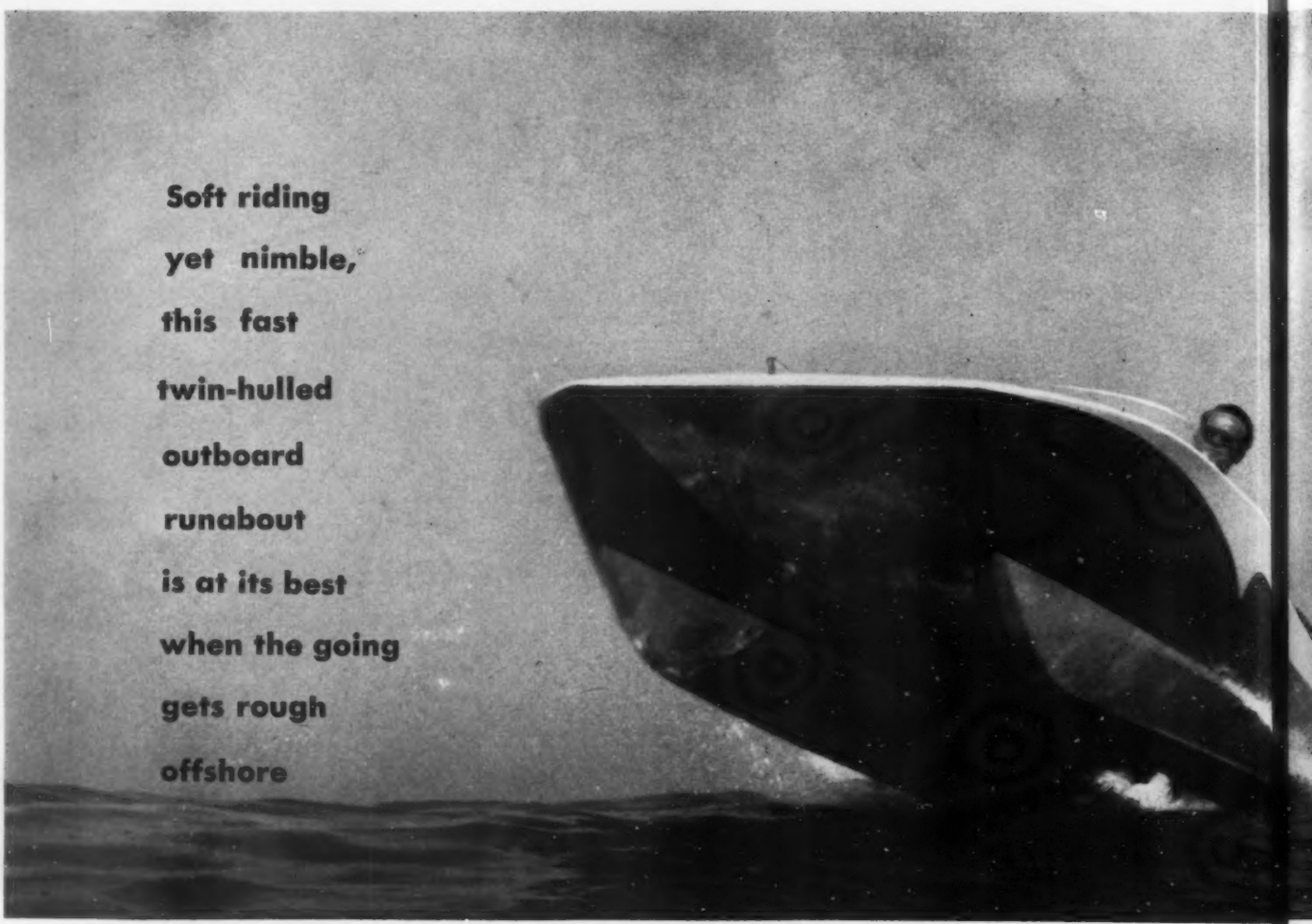
RACING POWER BOATS AND SKIPPERS WILL BE SHOWN IN A PICTURE SECTION OF OUTSTANDING ACTION SHOTS. WATER SKIING, PHOTOGRAPHY OF WATER SPORTS AND A NEW SAIL CRUISER WILL BE FEATURED.

"Well, whadda you know—'Happy Birthday from Al to Al.'"



POPULAR BOATING tests

OUTBOARD-POWERED

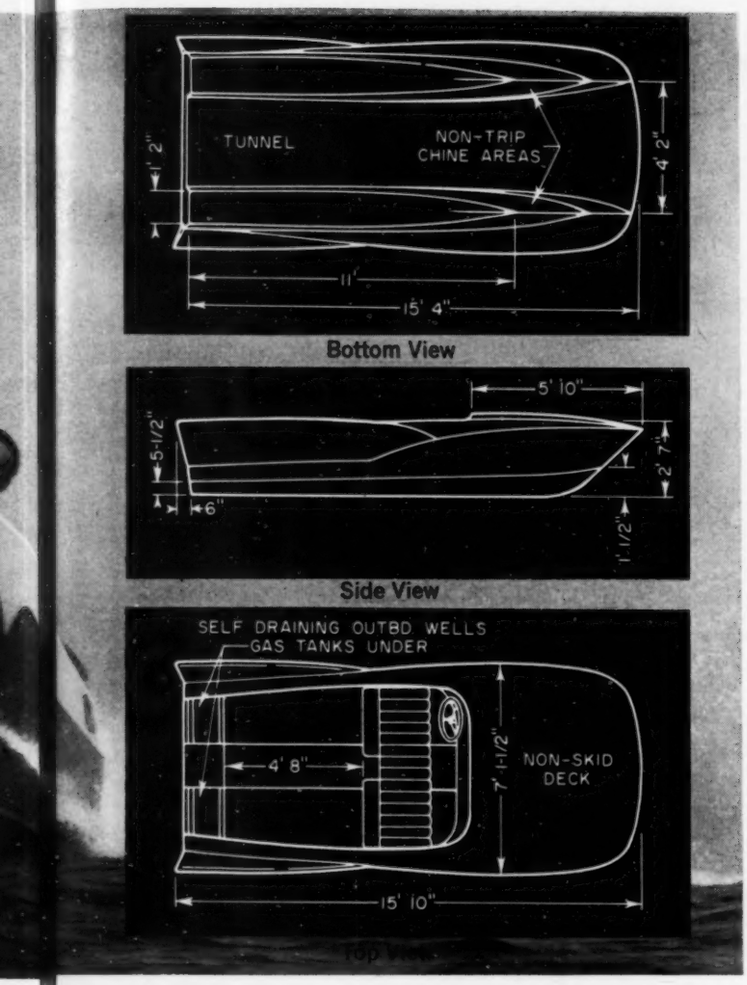
By Hank Wieand Bowman

POPULAR BOATING RATING FACTORS BOX SCORE	Excellent	Above Average	Average	Below Average	Poor
Safety	✓				
Comfort		✓			
Adaptability		✓			
Durability	✓				
Styling		✓			
Speed			✓		

ON A June Sunday last year, 142 outboard-powered boats took off from Santa Catalina Island and headed at full throttle for Long Beach, Calif. Water conditions were the roughest in the brief history of the Catalina cross-channel race, sponsored by the Outboard Boating Club of Long Beach. The winner, well in front of the field, was Ray Ledger, of Paramount, Calif. He made the 28-mile junket in a catamaran-type hull of his own design, powered by a pair of 60 hp motors. Winner of Class V and third overall was another Ledger designed and built catamaran.

Before this race many skeptics, perhaps recalling the catastrophe when Gar Wood's catamaran yacht broke up in a storm, insisted that the twin-hulled runabouts would split apart in the rough going. All seven of the Cats entered in the race finished, and none appeared any the worse for the pounding they had taken.

Three and a half years ago Ledger, then proprietor of a window and door frame business, designed his first outboard powered catamaran as a hobby project. Its per-



CATAMARAN

formance, particularly in rough water, was so favorable that a year later he formed the Power Cat Boat Company in Paramount, and put his initial design into production. Today Power Cats are produced in four sizes: 12′6″, 14′, 16′, and 20′. The largest is finished either as a day cruiser with bunks for two, or as a four-sleeper cabin cruiser with enclosed head and a galley compartment.

Newport Beach, Calif., was selected as our checkout location, and we used a 16′ version for our tests. The boat was a demonstrator, nearly two years old, and though a bit scarred was as sound as the day it came off the jigs. The basic hull design has been unchanged in today's production models. This Cat measures 15′4″ length overall, with an added 6″ accounted for by its tail fins. Extreme width from sheer to sheer is 7′½″, with an extreme beam deck width of 7′1½″. The foredeck is 5′10″ long. The hull weighs approximately 600 pounds in standard version, without windshield, deluxe upholstery and tail fin superstruc-

TEST continued on next page

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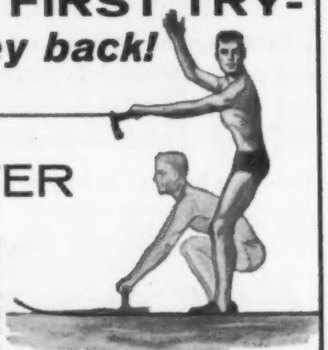

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Ruggedly constructed wood tow bar can take plenty of hard knocks. Floats easily. 18" wide, 1" diameter handles. Weighs only 24 ounces.

Adjustable rust-resistant metal strap with rubber fittings prevents slippage, holds socket assembly. Cannot mar ski finish.

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tures, all of which add another 50 pounds. Price for the standard model is $995, the deluxe is $1095. Upholstered bucket seats may be added at $30 each.

Our tests were run with two different pairs of motors, Scott Atwater 22's and 40's. Conceivably the Cat could be run with a single, centrally located motor, though without considerable bottom and tunnel redesigning, performance would probably be unsatisfactory. The hull is designed for twin installations, with the motors widely spaced so that lower units are located over the center of the after planing surfaces.

At the end of three days of operation, we gave the Power Cat an excellent rating for *safety*. The more I drove the Cat, the more confidence I gained in its trustworthy nature. Give it a direction and it responds without hesitancy or reservation in any type of water conditions. The Cat showed off to best advantage when in the open ocean. I ran it into waves running from three to five feet high, in following seas, and through the troughs. At no time did it show any tendency to trip, nose under, or bounce off high ones to become airborne and threaten to go over backwards.

In the protected bay area, in hard-over 180-degree turns, the motors showed a decided tendency to cavitate in spite of changes in props and motor angles. This is a characteristic of the hull. In a violent turn, the boat's partial pivoting

Speed in smooth water is just average for this size boat and power. In rough water, however, it can handle full power when other craft must slow down.

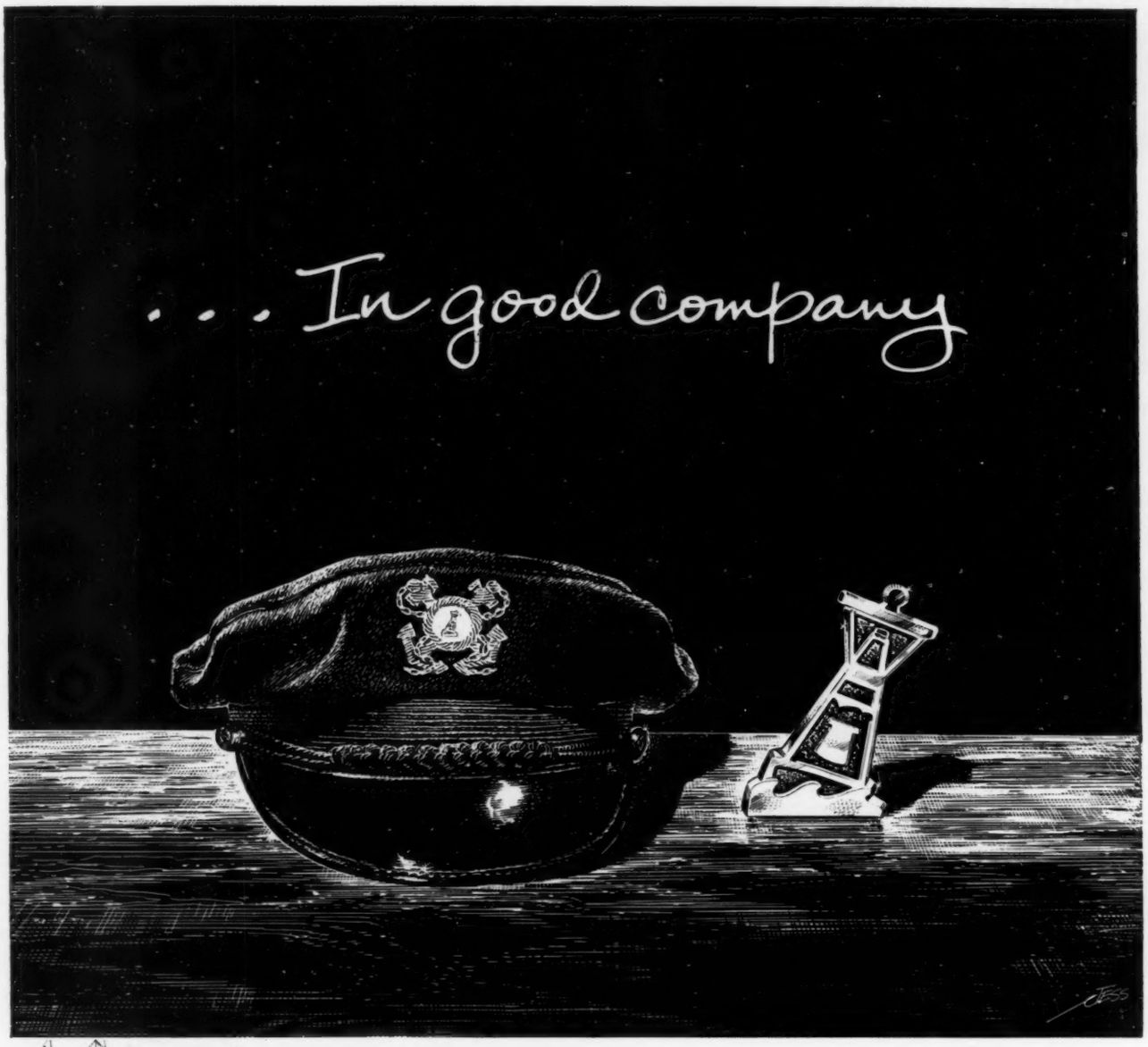
causes the propeller on the inside of the turn to enter the disturbed water created by the outside prop. This adds to safe operation, as the helmsman quickly learns that turns must be taken with a gentle radius if speed is to be maintained.

Additional safety features are incorporated in the Cat's finish. There are no sharp protrusions or thoughtless items in construction that could cause a passenger to stumble or trip while moving about in the boat. The foredeck has a non-skid surface which extends back along the sheer to the rear of the front seats, eliminating need for step plates.

In the *comfort* category, the boat is almost devoid of any pounding, as each hull gives a sharp wave entry forward. It offers the softest ride I have ever encountered in a 16-footer. The broad, bench type forward seat is foam rubber padded, and covered with waterproof synthetic upholstering. Four adults could fit abreast on this seat without crowding. The after cockpit measures 4'8" from motor well to the rear of the front seats. The tunnel area between the hulls is decked over to form a mid-cockpit seat, 6½" above the deckline of either hull.

Steering wheel placement is excellent; the angle of the forward seat back is comfortable. The only feature that dropped the comfort rating from excellent to above average is the wetness of the boat underway in rough water. If the foredeck were extended out for several inches, and this

(*continued on page* 46)



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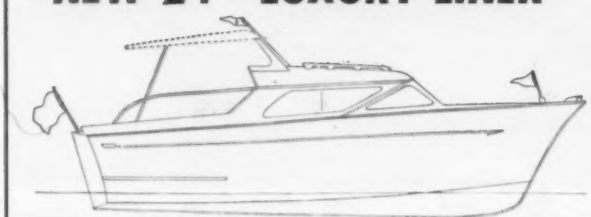

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TEST

(*continued from page* 44)

overhang carried back to just beyond the leading edge of the tail fins, a far drier ride would result.

The Power Cat earns an above-average rating for *adaptability*. It incorporates more useable space than conventional boats of its size. A party of six won't overcrowd it or make it unsafe, and there's plenty of on-the-floor storage space, ample under the foredeck for anchor, gear, spare life preserver, camping equipment, and even water skis. This foredeck, incidentally, makes a good sunbathing platform, and the uncluttered after cockpit makes it ideal for fishing excursions. However, it offers no camp-boat live-aboard potentials for anyone but a midget.

As a ski-tow boat the Cat would appeal to some skiers, not to others. Inherent to her design is a nearly flat wake, fine for the trick skier who doesn't want disturbed water, but not for one who gets his kicks criss-crossing a boat's wake. The boat's stability at rest makes it a fine on-the-water photo or skin-diving platform.

Construction is such that we rate the Cat excellent for *durability*. Hulls are equipped with oak-sawn stems, and oak chines, keels and stringers. Bottoms are five-ply marine-

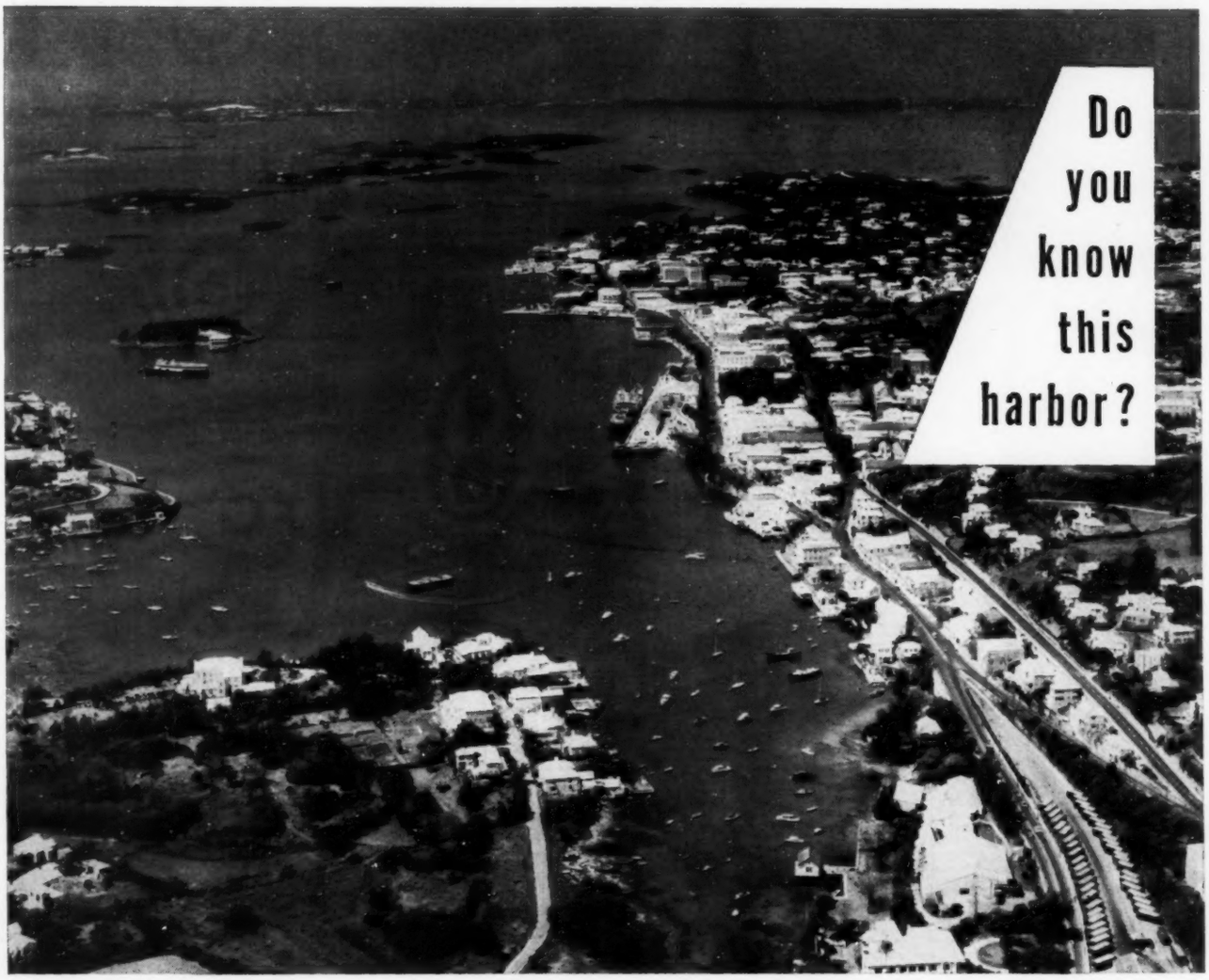
The author rigs a portable calibrated Aqua Meter, and checks Cat's steering before starting test runs.

grade fir plywood, with AA-grade marine ply on the sides, and AC-grade marine ply on transoms. The entire outer surface of the hull and deck is fiber-glassed, with glass tape added at all seams. Plain galvanized nails are used throughout for securing, and though annular-type boat nails or screws might be better, the stiff construction which prevents working has brought no complaints to date on the nail fastening.

Above average was our rating for *styling*. Underway or at rest, the Cat gives the appearance of motion. The fins don't have a tacked-on appearance but rather appear as an integral part of the hull. The utilitarian approach to handling the tunnel arrangement takes full advantage of the assets the design offers, and the finished boats, in a choice of color combinations, are sleekly styled.

For *speed*, the Cat would gain an above-average or excellent grade if judged only on rough-water performance, but in smooth water its fleetness is just average. With the two 22 hp motors and two passengers in the after cockpit, the top speed clocked was 25 mph. With the two 40's, top speed was 31 mph in smooth water. In rough water, it reached 24 mph with the twin 22's, and cruised comfortably at 13 to 15 mph. Top rough-water speed with the twin 40's was 34 mph. We limited the Power Cat to an average rating in speed.

The Power Cat, which has already proved itself in the Pacific activities should be equally popular for open bay, or offshore use, along the Atlantic Coast or on the Great Lakes.—HANK WIEAND BOWMAN.



This beautiful harbor with its clear blue water and brilliant semi-tropical landscape will again be host to approximately one hundred of the world's finest yachts, competing in the oldest of the classic ocean races. Situated on the largest island of an oval-shaped coral reef which forms a lagoon capable of admitting vessels of the largest size, this landlocked haven is well protected from heavy seas. It is approached from the east end of the islands through twelve miles of winding well-buoyed channel with depths of 25 to 50 feet: White Island which divides the harbor into two parts is directly south of Albouy's Point; site of the Royal Bermuda Yacht Club. Plenty of good anchorage in 16 to 60 feet can be found off the shores of the town and the nearby islets, clear of the main ship canal. All supplies, provisions and communications are available here. This is Hamilton, capital of the Bermuda Islands.

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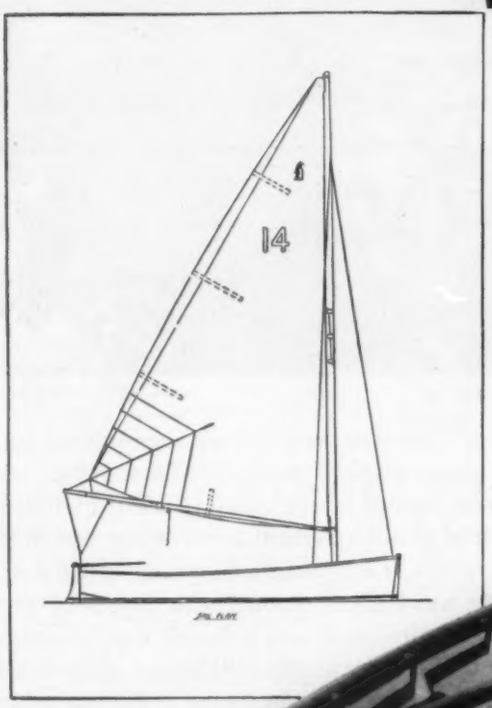
Boats of the Month . . .

THE VERSATILE PENGUIN

FROM the noted board of Philip Rhodes, designer of one of the America's Cup hopefuls, has come the versatile little 11½-foot Penguin Class sailing dinghy, pictured at right. The Penguin has become one of the most popular racing dinks in the United States, and many yacht clubs maintain fleets of them. The catboat rigged craft is as useful a day sailer as she is an exciting little racer, and can accommodate three adults, or four or five youngsters with ease.



Sail plan of the Penguin shows her marconi-cat rig which sets loose-footed on the boom. An ideal boat for junior sail training, it may be secured from Roberts Kit Craft, Inc., Branford, Conn., in several different stages of completion. Basic kit is $265; assembled, but unpainted $340; assembled, painted and equipped, $425, less sail.

Penguin features Sitka Spruce slotted spars, marine plywood over spruce frames, and stainless rigging. Length is 11′ 5″ with a 4′ 8″ beam and 72 sq. ft. of sail.

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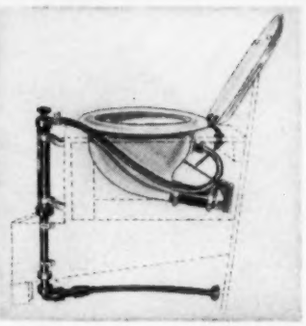

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THREE MULTI-HULLED BOATS

FROM large Trans-Pacific catamarans to the smaller trimaran under sail at left, multi-hulled craft have captured the interest of boatmen and designers alike. The 16-foot sloop has 90-degree Vee bottom hulls for minimum wetted surface and very fast sailing. The planking is ¼-inch plywood, sail area 140 sq. ft. The Frolic Trimaran is designed for home building at a cost of around $200. Plans are available from the designer, Arthur Piver, Mill Valley, Calif., for $15.00.

STABILITY in a seaway, and a clean, undisturbed bow wave are features claimed for multi-hulled craft. With the 18½-ft. Thunderbird Miami, below, normal spray is collected under the triple "cathedral" hulls and the boat rides over the bow wave. The makers, Plastic Fabrications, Inc., of Box 1266, Hialeah, Fla., have included sleeping accommodations for four in the $2,675 outboard cruiser.

POSSIBLY the smallest multi-huller is the little micro-boat at right. The Aquacat comes from Aquacraft Ltd., of 635 S.W. 1st Ave., Miami, Fla., seats 2 adults and 2 children, and planes with 5-10HP outboards. In the background is the 7 ft. Aquaboat designed to seat 2 adults, and planned for the same HP motors. Both are of seamless fiberglass construction. Aquacat sells for $398; Aquaboat for $249.

"Keep one hand for yourself and one for the ship," says Capt. Taylor

"to be sure you come out on top in every situation."

AND, SAY WE, YOU'RE NOT LIKELY TO NEED TWO HANDS TO KEEP YOUR ENGINE RUNNING SMOOTHLY IF YOU RELY ON ESSO MARINE GASOLINE WITH MARNOL. BECAUSE THIS FINE FUEL HAS WHAT IT TAKES TO KEEP FUEL LINES AND TANKS CLEAN – BECAUSE IT PROVIDES SMOOTH VALVE ACTION, FAST WARM-UPS AND EXCELLENT PROTECTION AGAINST KNOCK – YOU'RE ALMOST SURE TO HAVE THAT FREE HAND FOR ANYTHING THAT COMES UP. SEE YOUR ESSO MARINE DEALER BEFORE YOU CAST OFF NEXT TIME. HE'LL BE HAPPY TO FILL YOUR TANK FOR "HAPPY CRUISING." WHILE YOU'RE THERE, PICK UP THE LATEST ESSO CRUISING GUIDE. IT'LL BE A BIG HELP IN YOUR NAVIGATION.

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WARNING!!!!
DANGER!!!!

The world is full of Sailing Catamarans that will not come about properly, that bow dive or root when overpressed, or that will neither go to windward properly, or lay to. There was some excuse for the Polynesians with their two logs decked with bamboo. They never came about. The natives just moved the mast and steering oar to get on a new course. There is no excuse for us for such failures.

For example, a prominent builder wrote that he built several hundred Sailing Catamarans from the manufacturers plans, and they were all unsuccessful. Last week an amateur builder offered me three Sailing Catamarans built from his own plans—and acknowledged that they would not come about properly. Yesterday a Florida boat builder bought our plans because his own planned Sailing Catamaran would not sail properly. One of the greatest Catamarans of recent times, built as a boat hanger, fell to pieces at sea—so it goes with ill-conceived, badly designed, and faultily constructed so-called Catamarans.

We are building Sailing Catamarans—we are selling plans for so building—but even more than that we want to caution sailors who are buying or building Sailing Catamarans that the design must be sound. Our Sailing Catamarans are sailing in most parts of the United States, in South America, and in Europe, Australia, and even in the Caroline Islands, and we have yet to have a failure. Our Sailing Catamarans *come about* sweetly, *go to windward* well, *lay to* without effort, *do not root, are dry, fast* and *comfortable,* and *safe,* whether only 12′ long or 55′ long.

Why not get the lowdown on Catamarans from our

STORY OF CATAMARANS, 3rd edition, due to be out June, 1958
Price—$2.50

If SAILING SIMPLIFIED (Price $2.50) is included in your order send $4.00 for both books.

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(Advertisement)

Here's How

Answers to your boating queries

By JOHN KINGDON

LIFEBOAT CONVERSION

I have bought a 30-foot iron lifeboat hull and am interested in converting it either to a ketch or, if that is impractical, to a power boat. The English have several books out on the subject of lifeboat conversion, but all of them I have seen concentrate on wooden hulls. Do you know of any source of plans that would prove helpful to me?"

A. B. Davis
Seattle, Wash.

To convert a lifeboat successfully into a sailing or power yacht requires (1) extremely careful planning, (2) the preparation of extensive drawings and (3) the solving of many involved calculations. Since this work is far beyond the capabilities of the usual amateur, the proper procedure is to commission a naval architect to prepare the conversion plans.

One naval architect who has done work recently in this field and who therefore has the specialized knowledge you require is George E. Meese, 194 Acton Road, Annapolis, Md. I recommend that you submit your problem to him.

Don't expect him to have stock conversion plans on hand. As he pointed out recently, there is no such thing as a universally used stock lifeboat. Instead, there have been many designs of 30-foot lifeboats. So each conversion must be studied as a separate problem, and the conversion plan that works well with one hull might not be successful with another. Because of this variation in design, caution is urged on all who wish to convert lifeboats into yachts.

WILL FINS HELP?

"Please let me know what to do about my V-bottom runabout. Here's her description: over-all length, 18 feet; water-line length, 17 feet 7 inches; over-all beam, 5 feet; water-line beam, 4 feet 5 inches; draft, 14 inches; gross weight, 700 pounds; engine, 225-horsepower 1956 Mercury.

"When I reach high speed (past 18 mph), she sits up on a 45-degree angle and stays there. Will afterplane fins help?"

B. C. Irwin
New Orleans, La.

Much as I hate to disappoint you, I must be brutally frank. Otherwise you might waste more time and money and risk more heartache on what is very obviously a mismarriage of the wrong boat to the wrong engine.

If your boat had anywhere near the right lines aft, she would do between 40 and 50 mph with 225 horsepower. Instead, you indicate that she runs nicely up to 18 mph, then attempts to dig her own grave with her stern.

This disparity is so great that I very much doubt if wedges, afterplanes or any of the other commonly accepted improvisations would help enough to make experimenting with them worthwhile.

Let me point out the incongruity of your rig in another way. The average 18-foot outboard runabout displacing 1,000 pounds (I've approximated your displacement by adding a 300-pound "pay load" to your gross hull weight) will *easily* do 18 mph with a 20-horsepower motor. That's right—20 horsepower, *not* 225 horsepower.

So my advice to you is to sell the hull to someone who will power it with a much smaller engine and be satisfied with the moderate speed he will get. Then you'll be free to look around for a high-speed runabout hull that has the proper lines to take advantage of the 225 horsepower your Mercury engine puts out.

LOFTING BOAT HULLS

"I wonder if you might suggest where the following can be obtained:

"1. A reference book containing a detailed explanation of how to loft boat hulls.

"2. Detailed technical information dealing with the properties of epoxy and polyester resins in combination with fiberglass."

Robert G. Mungall
Hampton, Va.

A book which I have recommended before—*Small Boat Construction* by Robert M. Steward ($6.00, Rudder Publishing Co., 9 Murray St., New York, N. Y.)—contains an excellent 32-page chapter on lofting titled "Lines and Laying Down."

Most of the technical literature available on resins is produced as a sideline by the actual manufacturers and distributors of resins. One particularly good source of information is Neehi Protective Coatings, Inc., 340 W. Hoffman Ave., Lindenhurst, N. Y. I suggest that you request from this firm a copy of the booklet titled *Facts About Neehi Fiber Glass and Boat Resins.* Neehi also maintains a free technical research, information and guidance service for its consumers.

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COLONIAL "33" SEDAN

New beauty, top performance and unmatched value make this new Colonial an ideal craft for extended cruising for six in seaworthy comfort. The exclusive Colonial Roun-Vee hull gives you exceptional performance and provides interior spaciousness that makes living aboard a delight. Walk-around decks and handrails add to your cruising pleasure and security. The large, bright deckhouse has a lounge that converts to a comfortable double bed, and the trunk cabin has full headroom, a complete galley, a dinette, that makes a double berth, a large toilet room and locker space galore. In the forward area are two permanent berths plus more stowage space. Standard equipment provides twin power with options ranging from 110 to 150 HP each, hydraulic clutch controls and reduction drives. For more on this outstanding cruiser value, see your Colonial Dealer.

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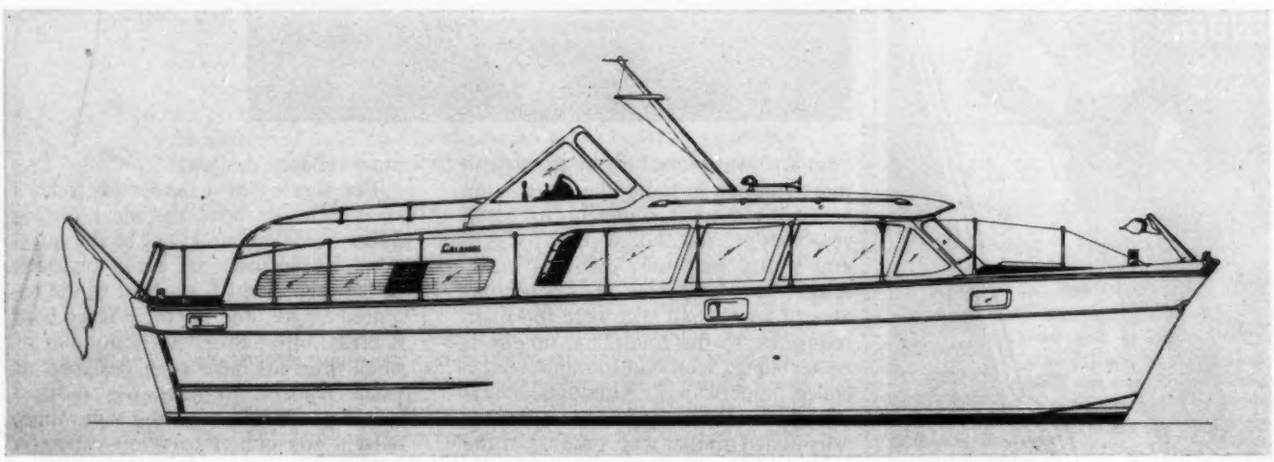

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SEAMANSHIP

DINGHY CHOICE AND HANDLING

1. The old traditional dinghies were best in every way?
2. A good dinghy must be molded, with rounded lines?
3. A very lightweight dinghy is difficult to row?
4. For best rowing, a dinghy should have the minimum keel or skeg?
5. Stroking alternately, with left and right oars, is a poor way to propel a dinghy?

By Elbert Robberson

A MAN may ponder the choice of a cruiser or auxiliary more carefully than a wife; but when it comes to choosing a dinghy, almost any boat that is roomy, lightweight and inexpensive may get the nod without any further thought. Actually, he should weigh the choice of a dinghy as if his life depended upon it, which it might, some time.

For a long time after the term "dinghy" was picked up by the British merchantmen in India, the designation applied almost completely to small rowboats carried aboard ships for general utility purposes. Moving easily under oars, with one or two persons aboard, and small size were the main requisites, so the traditional dinghy is rather long, lean-bodied, and sharp-ended underwater. Although it was not purposely built to be heavy, it naturally ended up that way, because of the weight of the keel, framing and substantial planking necessary to withstand the strains of knocking about in use, and hanging in the davits.

This traditional design has all but died, but if you want a boat you can row that will carry a reasonable load in safety and without breaking your back, look for a dinghy with features as close to the traditional as possible: long smooth underbody, sharp entrance and stern, and a little weight. In some parts of the country, the old-timers still know how to build them; and there are a few stock designs obtainable from rowboat builders which come very close to the ideal in semi-dory flat-bottom hulls. A reasonably long and narrow flat-bottomed planked skiff, such as are found at some boat liveries where oars are still used, will row better than a good many of the more modern designs.

Compromise V-bottom design slips through water with moderate load, yet is fairly light and compact.

For serving as a tender on today's small pleasure boat, the ideal rowing hull is, unfortunately, out of the question. There just isn't room on deck or between davits for a boat of the required length, and towing a large boat is often impractical. So, a number of small dinghies have been designed as yacht tenders, to have the shortest length possible, and at the same time, have a substantial carrying capacity.

Unfortunately, many of them have turned out to be wide, bluff-ended boats that are very poor for rowing. With one man aboard, there isn't enough weight to hold way against the least bit of wind or chop between strokes; and with a full load they are about as hard to force through the water as a square-ended scow.

SEAMANSHIP continued on page 56

Fun? You'll have it! Thrills? You'll get them when you own this 16-foot Crosby Capri—it can safely take *all* the power you can put aboard! In the tightest turns you'll ride high and dry, the master of your craft, outrunning other boats in your class. You'll have speed—but speed under perfect control.

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The best way to push such a dink is with a midget outboard motor—one to three-hp. is fine. If you don't want to use power, look for a design more adapted to rowing.

Very light construction helps greatly in one-handed wrestling with a dinghy, hauling it on deck or cabin-top, or in davits; but just try to step into a featherweight without it being secured fast, and holding on with both hands. Some light dinks will skitter out from under you, before you can realize what has happened. A little weight makes a dinghy more easily manageable in the water, as well as better to row.

For family use, a dinghy should have the maximum stability consistent with the other desirable qualities. This is governed by the shape of the bottom.

An absolutely round section is fine for a log-rolling contest, but not for a utility boat. With almost no "righting" force, a perfectly round bottomed boat will roll its rail down dangerously with the least unbalance of weight. The flatter the bottom of a boat, the "stiffer" it is, and the less it will list when weight is placed to one side of center.

Other features which make a boat more controllable is some keel and a fairly deep skeg.

By definition, a lifeboat is a vessel which is carried so it can be readily launched, and which is provisioned and equipped for abandoning ship. This means that oars are lashed inside, emergency tools, first-aid and signalling kit are stowed accessibly and that the boat has sufficient flotation to carry its passengers, with built-in reserve buoyancy so it will support the load even when awash. Only a few yachtsmen have rescued themselves from a foundering boat via dinghy, and only a few more could have if they had been properly equipped; but, if you should ever find yourself in that position, a dinghy which has been chosen to serve also as a lifeboat can be the best boating investment ever made.

A rigidly disciplined Navy-type procedure is not necessary in order to manage a boat under oars, but knowledge of the rudiments will help. Let us assume you are in the dinghy, alongside your boat. Ship (or install) the oarlocks, then shove yourself clear of the side, bow out, at least an oars-length distance; use the oar, if necessary, to shove off.

Then ship the oar just used, and then the other. Start with the hands close together, wrists flat and horizontal, just over your lap, with the blades of the oars perpendicular to the water and the shafts horizontal. Lean forward, straightening your arms until the oars are at about a 45-degree angle to the side of the boat, then dip the blades so they are just covered. Don't dig the oars in any deeper than necessary to cover the blade. With worn oarlocks or the blade not quite vertical, the oars may try to flip out. In this case, adjust the blade angle so there is just a slight tendency for them to go deeper on the stroke. Pull with your back and legs, then the arms, bringing the oar handles up to your belt.

Then, bend your wrists sharply down, so the wrist joint drops below the line of the hand and arm. This will "feather" the blade, so it can just skim the surface going back for the next stroke. And don't try to break your back with every stroke—a smooth even pull is best.

Coming alongside for a landing, come in at a slight angle, with enough way on the boat so you would bump, if you were just to sit there. Before touching the side, flip the oar on the landing side up into the dinghy, and immediately unship the oarlock, dropping it inside. Drop the blade of the off-side oar into the water and hold or, if necessary to kill some of the way, back water slightly. When properly done, this evolution will swing the stern in so the dinghy ends up alongside perfectly parallel and stopped. Then take in the other oar and oarlock.

Practice rowing your dinghy until you can make her "sit up and talk," and there should be more pleasure and safety in your boating.

—ELBERT ROBBERSON

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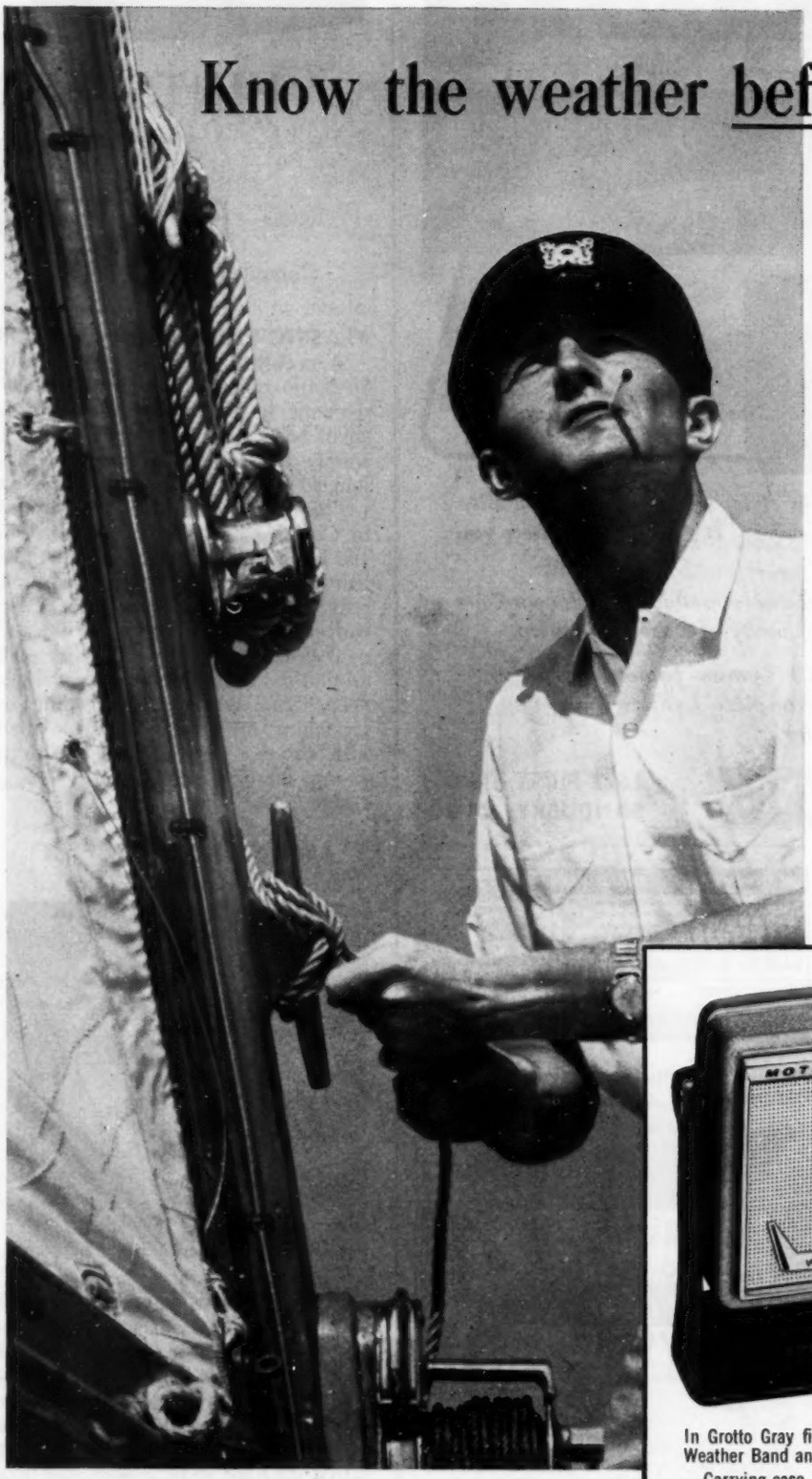

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HINTS FOR BETTER BOATING

Compiled by BOB WHITTIER

PLASTIC PAN HOLDS ANCHOR

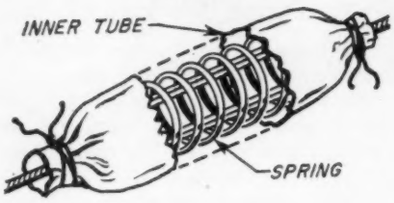
A problem which has vexed many an outboard enthusiast is what to do with the anchor and its line aboard a small boat. In most cases the gear is simply hauled aboard and left in a tangled mess on the cockpit floor. Now we hear from Mrs. W. J. Spitzmiller of Corpus Christi, Tex. She says she and her husband have solved the problem very nicely by using one of those polyethylene dishpans sold in housewares stores. The anchor fits into this oval container nicely, the line coils around the anchor neatly, and the pan keeps the anchor from rattling or scratching the boat. The pan won't rust, can be shoved under a thwart or into the bow locker, and it's easily cleaned.

LEARN KNOTS SWIFTLY

Every boatman appreciates the value of knot-tying skill early in his career, usually after a few experiences with mooring his boat in a fumbling manner under the condescending gaze of dockside observers. The trouble with trying to learn knots from books is that it's hard to remember just how the rope goes to make the various knots. One boat club solved this problem by making a dummy pier about a foot wide and three feet long. An old fence post imitates a wharf pile, a cleat was bandsawn from a scrap of 2 x 4, and a dummy anchor is bandsawn from a piece of plywood. An old mooring ring completes the outfit. This rig provides an opportunity to practice all common types of mooring and

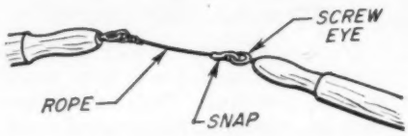
anchoring knots. It's a great teacher and a conversation piece.

PROTECTING TENSION SPRINGS



Coil springs used to provide tension in the cables if an outboard steering rig are usually cadmium plated. This type of plating offers very little protection against salt water, and usually after a month or so these springs are badly rusted. One handy way to solve the problem is to cut a section out of an old bicycle inner tube, pull it over the spring, and tie it snugly with a pair of short cords or shoe laces. This keeps water off the springs, yet the rubber contracts and expands with spring motion. It also helps to keep the springs from scratching the boat, or rattling against it annoyingly.

OARS TIED TOGETHER

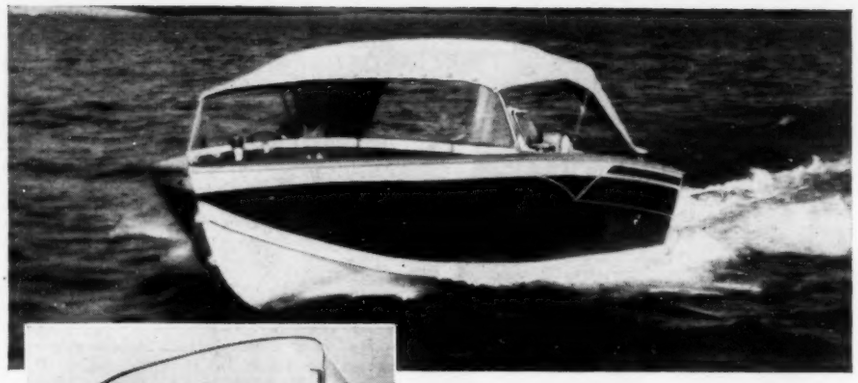


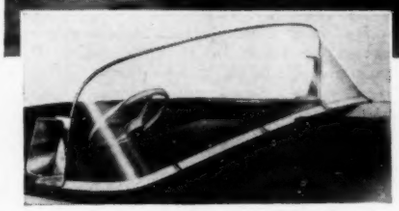
One fisherman found that when he stopped rowing to make a cast into a likely-looking cove, his oars would often slide out of the oarlocks and go floating away. To prevent this, he had to ship them, or draw them aboard. This was time-consuming and also brought a lot of water dripping aboard. He therefore set moderate-sized screw eyes into the ends of his oars and connected them with about 18 inches of manila line. The rope keeps the oars from sliding into the water. A small snap on each end of the line allows it to be removed so it won't be an annoyance when rowing long distances. The rope also keeps his oars together in the boathouse, and saves the frequent annoyance of having one oar stray far from the other.

Rx FOR DUNKED WATCHES

If anyone in your cruising party should have the misfortune to dunk an expensive watch in the sea, remove the works from the case and put them into a small container of rum, brandy, whiskey, etc. Since alcohol mixes with water, this treatment will get all water out of the delicate works, and the liquor will keep air from corroding them. Take the works to a repair shop in this container of liquor. The watchmaker can clean off the liquor easily enough, but it will cost a lot to repair a watch

(*continued on next page*)





Be sure the Windshield you buy is a Taylor-Made Holiday — then you can add the Top later.

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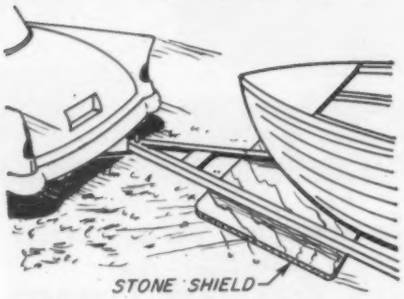
HINTS

(*continued from page 59*)

which has had its tiny parts corroded by water.

STONE GUARD ON TRAILER



If you trailer your boat over long distances on gravel roads, here's a tip which will interest you. To keep the boat from being covered with dust and its bottom scarred by pebbles thrown up by the car, install a plywood or masonite shield under the trailer frame as shown in the sketch. Work out dimensions to fit the individual trailer. It must be big enough to be effective, yet not so large as to get in the way.

—⚓—

Readers are invited to submit material for use in this column. Payment of $5.00 will be made for each item used. Send your ideas to Hints for Better Boating, POPULAR BOATING, One Park Avenue, New York 16, N. Y. Items not used will not be returned unless accompanied by a self-addressed, stamped envelope.

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STOWAGE ON SMALL BOATS

STOWING GEAR

Infrequently used items should be stowed in out-of-the-way places, but beware of dead air space. Every part of a boat should be ventilated and articles which "sweat" or mold should be regularly checked.

When pressed for space, sails may be folded flat on a bunk and covered with a pad to protect the sails from the sleeper and the sleeper from a bolt rope in the back. However, such treatment is not recommended for regular practice.

Chafe is a serious problem and clothes swinging on hangers should be covered with a heavy canvas bag or they will soon be threadbare.

It goes without saying that mildew prone articles should be stowed in a dry place. And *oily rags must be carried ashore and burned.* Sunshine on deck invites spontaneous combustion below.

Deck gear should be stowed on deck in a gear-box where it belongs.

STOWING PROVISIONS

The first thing to be done on bringing food on board a boat is to banish all glass containers. Transfer the contents of bottles and jars into something unbreakable, preferably noncorroding (as plastic containers) and remove the glass to a trash can far from the beach. Glassware and grand pianos have no place on a boat.

If cruising, remove the wrappers from cans and label them with paint. Then coat cans with grease or other substance to prevent rusting. Wrap again with waterproof paper and identify contents with grease pencil.

Odors travel, so take care to stow food subject to tainting well apart from fuel and engine space.

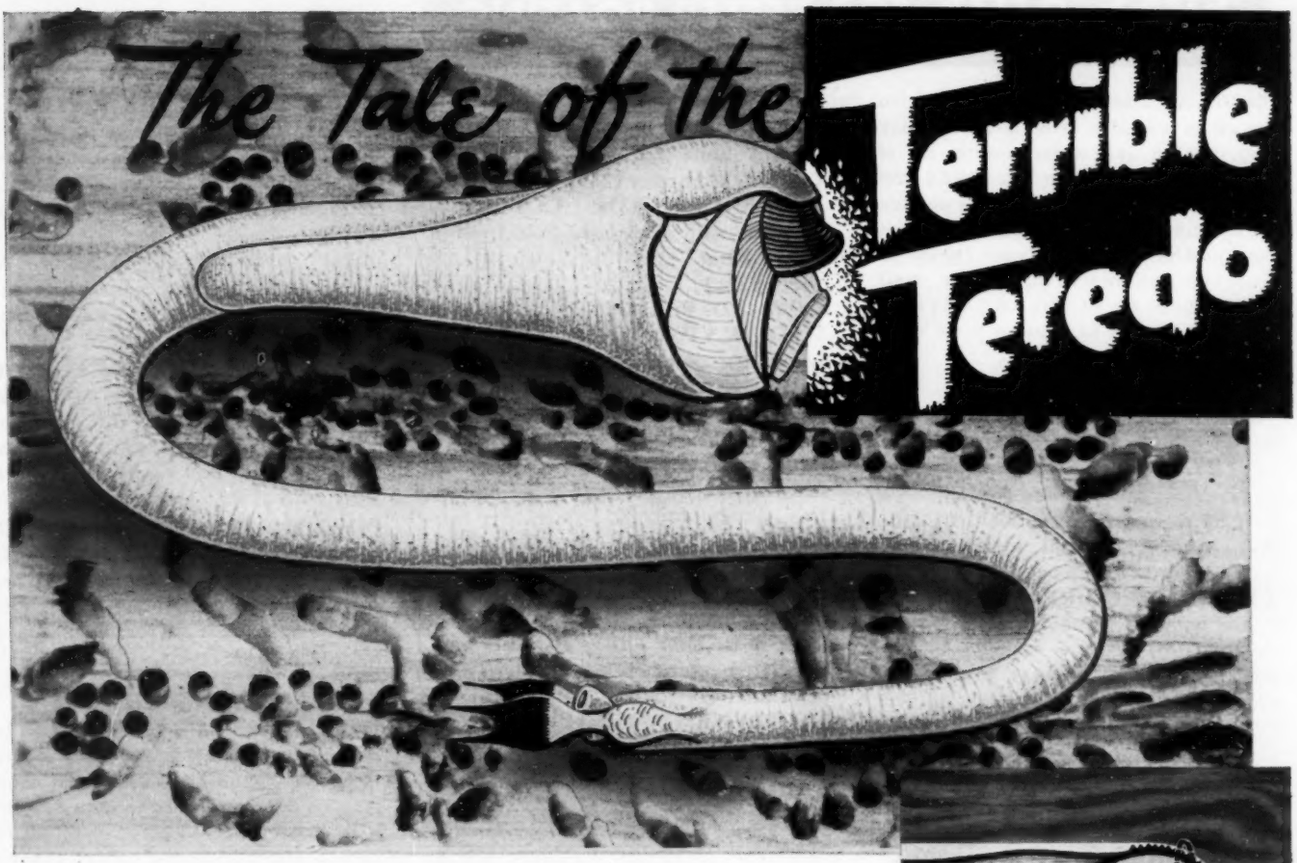
STOWING WEIGHT

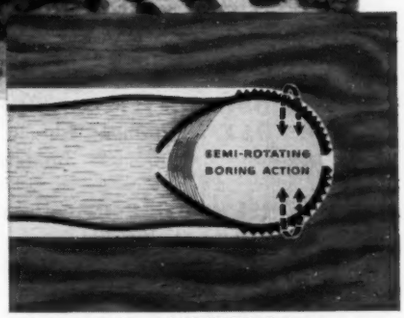
In stowing heavy weights in a boat, care should be taken to keep the ends of the boat light, unless special structural characteristics permit deviation from the rule.

When the boat is hauled out of the water for a long period of time, it is a good policy to remove as much weight as possible and practical. Stream the anchor chain overboard on a makeshift wood grating on the ground. Any weight left in the boat should bear on the heaviest frames or, preferably, on the floors.

In going afloat, distribute weights athwartship as much as practicable in a shallow draft boat, and on the floors or in the bilges of a deep V-bottom boat, for stability and structural support.—P.R.

The Tale of the Terrible Teredo





Action of TEREDO jaws

In Mozambique the natives eat 'em. They grow big over there. But around the U.S., watch out. They love to eat your hull. They can make a feast out of a wooden bottom and leave it in shreds in less than three months. See the holes in that plank above? *Teredos,* and the owner never knew it – until too late!

Head-on view of TEREDO

Marine borers, like *Teredo, Limnoria* and others are destructive, and fast working. The Teredo has strong, sharp calcified jaws operated by well developed muscles. Dr. Charles E. Lane, of The Marine Laboratory of the University of Miami, reports, "during the life of the borer these jaws, working with a clam shell action, are in continuous restless motion. In southern waters the burrow is extended about one diameter per week."

The adult *Teredo* develops minute teeth which act like a rasp to abrade wood. Where does the wood go? He swallows the evidence of the destruction of your boat! He also seals the tiny hole through which he enters your hull. So beware, boat owners.

Or, if you want to forget the whole problem and not worry about these marine parasites—paint with Pettit anti-fouling bottom paint. Do a good job. Don't leave any unprotected areas. And, in southern waters be extra careful – paint more often and keep that bottom covered with Pettit.

Pettit makes five types of bottom paint for every marine hazard. Ask for them by name: (1) Vinylcide, (2) Tropicop-Red and Green, (3) Coppercide, (4) Anti-fouling Copper Bronze and Racing Copper Bronze, (5) Special Red Copper, (6) Red and Green Copper.

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Many of these booklets are also available from the marine dealers in this month's buying directory.

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BOOKLETS

RULES & REGS. for boats carrying passengers. U.S. Coast Guard (193)

RULES & REGS. for numbering boats. U.S. Coast Guard (194)

SAFETY, informal treatment of subject from an official source. U.S. Coast Guard (195)

LEGAL REQUIREMENTS, for boats, with safety advice. U.S. Coast Guard (196)

RULES OF THE ROAD, U.S. Coast Guard (199)

PILOT RULES, Great Lakes, U.S. Coast Guard (200)

OUTBOARD BOATING SKILLS, a practical how-to-do-it book. Evinrude Motors (176)

HOW TO ORGANIZE FOR MORE FUN AFLOAT, a handbook for club administration. Outboard Boating Club of America (181)

YACHT INSURANCE, a discussion. Sparkman & Stephens Inc. (217)

FISHING TIPS, a handy guide. Johnson Motors (183)

MARINE ENGINE CONVERSIONS, specs and prices of kits and equip. Lehman Mfg. Co. (210)

OUTBOARD HANDLING, a guide for the use of boats, motors, and trailers. Outboard Boating Club of America. (205)

ANCHORS & ANCHORING, a sixteen page instructive booklet extensively illustrated. All about anchoring. Danforth Anchors. (13)

23 FIBERGLAS BOATS, outboard and inboard catalog with prices. American Boatbuilding Corp. (237)

HOW TO COVER YOUR BOAT WITH FIBERGLAS, a valuable and practical book by Charlie M. Owens-Corning Fiberglas Corp. (235)

MODERN MARINE RADIO TELEPHONES, and how to choose them. Pearce-Simpson, Inc. (234)

A LESSON FOR LANDLUBBERS, helpful hints for new boat-owners. Glasspar Company (249)

PROCEDURE FOR COVERING BOATS, with fiberglass. Step by step how-to-do-it guide. United Plastic Prod. (250)

HOW TO SELECT AND BUILD WITH PLYWOOD, Douglas Fir Plywood Association (252)

ROPE KNOWLEDGE FOR RIGGERS, a valuable handbook on rope. Columbian Rope Co. (253)

ALL ABOUT TACHOMETERS, an instructive booklet about speed indicators. Jones Motrola Corp. (254)

HOW TO SELECT A FIRE EXTINGUISHER, a valuable cross reference table. Fire Equipment Manufacturers' Assn. (255)

RDF & RADIO TELEPHONES, and associated equipment, explanation and price list. Ray Jefferson, Inc. (256)

NEOPRENE, CHEMICAL RUBBER COMPOUNDS, an explanation. DuPont (260)

PAINTING SYSTEMS FOR ALL BOATS. Andrew Brown Co. (244)

MARINE WARNING SIGNALS, a waterproof, tack-up poster 5½" x 8" for mounting near helmsman. Sparton Corp. (213)

OUTBOARD FISHING, How to Catch More Fish. A highly readable instruction booklet illustrated in "comic book" style. Evinrude Motors (263)

MAIL ORDER CATALOG. Accessories for the boatman. Winsette (264)

HOW TO PROTECT YOUR BOAT With The Interlux Fiberglas System. An instruction booklet. International Paint Co. (265)

GUIDE TO SMOOTH SAILING and Smooth Sanding. An instruction booklet for selecting and using sand paper. Behr-Manning Co. (266)

POWER TOOLS, a catalog of electric hand tools. Skil Corp. (267)

BOAT TRAILERS, a catalog of new models. Mastercraft (268)

HINTS ON INSTALLING DECK FITTINGS. Aqualoy (269)

ALUMINUM BOAT CATALOG of new models. Aluma Craft (270)

BOAT HORNS. A descriptive selection. By "Ship N Shore." Ferrell Mfg. Co. 271.

MORE FUN ON THE WATER. A 16-page booklet designed to help the boatman increase safe boating enjoyment. National Association of Engine and Boat Manufacturers, Inc. (272)

FAMILY BOATING IS FUN. An aid to selecting the right boat. National Association of Engine and Boat Manufacturers. (273)

YOU CAN REMOVE GUM DEPOSITS FROM YOUR GAS TANK. A full discussion of the problems caused by gum deposits in carburetors, gas lines and tanks and how to deal with them. Gulf Oil Corp. (67)

NYLON AND "DACRON" IN YACHTING LINES. A pamphlet answering questions about nylon and "Dacron" polyester fiber in yachting lines. E. I. du Pont de Nemours & Co., Inc. (139)

BOATING FILMS

Films are available to clubs from independent companies and distributors. Requests should be made one or more months in advance of the date desired. POPULAR BOATING forwards all requests immediately but cannot guarantee availability of films.

DIRECTORY OF BOATING FILMS. A listing of over forty sound, color films on every aspect of boating, fishing and water sports, available on loan basis. Compiled by Outboard Boating of America. (170F)

PADDLE A SAFE CANOE (16mm, Sound, Color, 13 minutes). Pointers on all phases of canoe handling. Illustrates shaking out and boarding a capsized canoe. The Aetna Casualty and Surety Company. (160F)

SECONDS COUNT (16mm, Sound, B/W, 8 min.). Instructions on the Nielsen method of administering artificial respiration. Award-winning film. The Aetna Casualty and Surety Co. (161F)

SAFETY AHOY (15 min., 16 mm., sound, color). Covering boating safety, the film gives many helpful suggestions for the handling of small craft. The Aetna Casualty and Surety Co. (152F)

BUILDING YOUR OWN BOAT. (9 min., 16mm., sound.) A how-to-do-it film showing the step-by-step procedure for building an 11-foot runabout. Douglas Fir Plywood Association. (154F)

THE STORY OF THE AMERICA'S CUP (35mm, 27-min. color), an interesting history of this very famous race. Lipton Company. (163F)

TRAILER SAILORS (16mm, 14-min. sound, color), story of an Akron, Ohio family who takes to the water. NAEBM. (164F)

FREE AIDS FOR BETTER BOATING

Please encircle the key number of each booklet you wish to receive. Numbers followed by "F" are films available on loan to clubs.

No. of Booklets _____

152F	154F	160F	161F	163F	164F	170F	13	67	139	176	181
183	193	194	195	196	199	200	205	210	213	217	234
235	237	244	249	250	252	253	254	255	256	260	263
264	265	266	267	268	269	270	271	272	273		

Mail to: POPULAR BOATING, Box 628, Church Street Station, New York 8, N. Y.

Name (Please Print) .....

Address .....

City ..... Zone ..... State .....

Do you own a boat? .....Type.....Length.....Engine.....

GULF OUTBOARD PRODUCTS

keep your outboard fit for fun

Give your outboard motor fine Gulf care and it will give you plenty of carefree pleasure in return. Your Gulf marine dealer features a complete line of dependable, top-quality outboard products, including:

Gulfpride Outboard Motor Oil

Keeps your motor running smoothly, because it burns *cleanest* of all. Plugs, rings, cylinders, and exhaust ports stay clean for many extra hours of peak performance.

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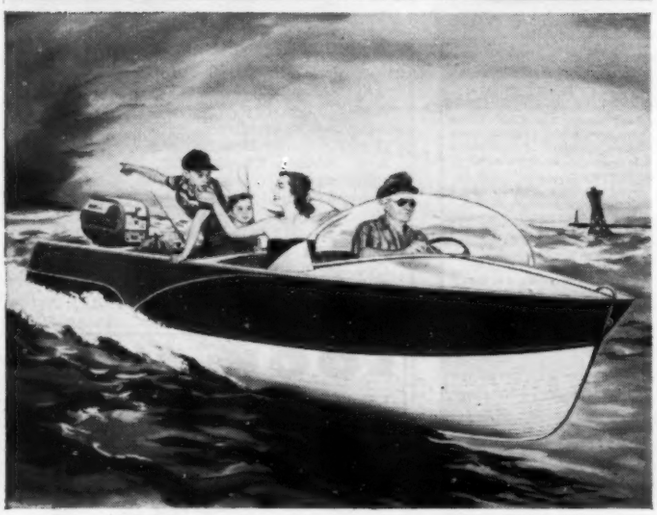
Effectively reduces gear drag and bearing wear—protects all underwater parts. Guards against rust in fresh and salt water. Packed in handy plastic tube.



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For use where extreme pressure, fluid-type lubricant is recommended. Provides superior lubrication for all underwater moving parts and protects against rust. Comes in easy-to-use plastic tube.

And make it a rule to fill up with GULF MARINE WHITE GASOLINE—the clean-burning *marine fuel* that's Micronically Filtered at the pump for extra safety.

Always use Gulf Outboard Products

made especially for your outboard

GULF

Air-buoy... SMOOTHEST BOAT RIDE ON WHEELS

CLIMB ABOARD FOR BIG '58 PROFITS—
FIRST AIRSPRING BOAT TRAILER TO RETAIL UNDER $200!

The hit of the National Boat Show—Features *Airide*® airsprings. All surfaces dip-enameled inside and out to stop corrosion. Popular styling, colors. Demountable wheels, tapered roller bearings sealed against water and dirt.

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DIFFERENCE

Handy, self-measuring can

Change to WOLF'S HEAD Outboard Oil. Its superior *oiliness* and strong, tough film eliminate corrosion and unnecessary wear. It is *non-detergent*, 100% Pure Pennsylvania, specifically refined to meet the particular lubrication requirements of outboard motors.

For all two cycle and small four cycle gasoline engines.

Outboard Oils • Marine Engine Oils
Heavy Duty Marine Engine Oils

WOLF'S HEAD OIL REFINING CO., INC.
OIL CITY, PA.

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50 Models 8' to 18'

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Build over 50 modern boats from large scale plans, available with FULL-SIZE patterns, new PRE-FAB frame kits! All types; prams to cruisers, 6 to 25 ft. Best buy for Amateurs! SEND 10¢ for CATALOG.

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MASS PRODUCTION MAKES THESE PRICES POSSIBLE!

Only world's largest boat kit maker can deliver such quality at such prices! Write for free color catalog, kits from $42.00, frt. inc.

12 ft. runabout $99.50 frt. inc.

FREE COLOR CATALOG!

TAFT MARINE WOODCRAFT
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BULKHEAD BULLETINS

(*continued from page* 18)

Aug. 16-17—Fishing Bay Yacht Club Regatta.
Aug. 16-17—Corsica River Yacht Club Regatta.
Aug. 23-24—Sailing Club of the Chesapeake Regatta.
Aug. 23-24—Indian Landing Boat Club Regatta.
Aug. 23-24—Langley Yacht Club Regatta.
Aug. 29—West River Sailing Club Annapolis-West River Race.
Aug. 30—Gibson Island Yacht Squadron Cedar Point Race.
Aug. 30-31—West River Sailing Club Regatta.
Aug. 30-31—Norfolk Yacht & Country Club Regatta.

MIDWEST & ROCKY MOUNTAINS

AMERICAN POWER BOAT ASSOC.

June 29—88 Mile Marathon, Fond du Lac, Wis. .....SO
July 4—Marathon, Ecorse, Mich.
July 12—104-Mile Marathon, Grand Haven, Mich.
July 13—International-Boundary, St. Clair, Mich. .....U
July 20—50-Mile Marathon, Topinabee, Mich.
Aug. 23-24—Silver Cup, Detroit, Mich.....U
Sept. 21—50-Mile Marathon, Trenton, Mich.
Oct. 4-5—Governor's Cup, Madison, Ind...U

REGATTAS

Aug. 25-28—Adams Series, "Luders 16" Chicago YC, Chicago, Ill.

SOUTH

AMERICAN POWER BOAT ASSOC.

July 4—Hallandale, Fla.....SO
July 12-13—130-Mile Marathon, Miami-Palm Beach, Fla.
Aug. 3—Regionals, Hallandale, Fla.....SO
Sept. 14—Hallandale, Fla.....SO
Oct. 12—Hallandale, Fla.....SO
Nov. 9—Hallandale, Fla.....SO
Dec. 7—Hallandale, Fla.....SO

REGATTAS

Aug. 18-24—Thistle Class 13th Annual National Championship Regatta, Fairhope, Alabama YC.

PACIFIC COAST

REGATTAS

June 29-July 5—Pacific International Y.A. Regatta, Royal Vancouver YC., Vancouver, B. C.
July 4—North Beach Sailing Club, San Francisco—Overnight Cruise, destination undetermined.
Aug. 26-29—Sears Series, "18' Flatties," Royal Vancouver YC, Vancouver, B. C.

AMERICAN POWER BOAT ASSOC.

June 28-29—Copper Cup, Polson, Mont. .....U-I-O-SO
June 29—Blythe, Calif.....SO
July 4—Long Beach, Calif.....I
July 4—Berkeley, Calif.....O-SO
July 12-13—Regionals, San Diego.....SO
July 20—Long Beach, Calif.....SO
July 27—San Diego, Calif.....O
July 26-27—Mapes Cup, Lake Tahoe, Calif. .....U
Aug. 3—San Diego, Calif.....I
Aug. 10—Divisionals, Long Beach, Calif...O
Aug. 10—GOLD CUP, Seattle, Wash.....U
Aug. 24—Bakersfield, Calif.....O
Sept. 1—Long Beach, Calif.....I
Sept. 1—San Diego, Calif.....O
Sept. 13-14—Newport Beach, Calif.....I
Sept. 21—Carlsbad, Calif.....SO
Sept. 27-28—Salton Sea, Calif.....I
Sept. 28—115 Mile Marathon, Needles, Calif. .....SO
Oct. 15-16—Sahara Cup, Lake Mead, Nev..U
Oct. 19—Parker, Ariz.....O
Nov. 2—Blythe, Calif.....SO

LOOK NO WIRES!

TRAILITE fits any boat or trailer!

Completely self-contained, battery powered, combination STOP, TAIL, LICENSE plate light.

Pat. Appl. "Nertia" switch operates stoplight when brakes are applied. No Installation—No Wires—No Adjustments.

Fully Guaranteed, $12.95. At your local boating headquarters, sporting goods store, hardware store or write . . .

C.L.B. COMPANY • P. O. Box 6831 • Houston 6, Texas

New & Nautical

(*continued from page* 12)

A SPACE SAVING COMPASS installation idea for small outboard cruisers, is to suspend the unit from the boat's overhead. The Airguide 88C is also an ideal telltale compass for skippers of ocean racers to place over the berth for a check on the helmsman's course when he is not personally supervising the deck. The compass has an adjustable bracket, direct reading dial, and internal illumination for night or foul weather operation. The dial is black with a white scale and is graduated in units of five degrees. The body is of die-cast aluminum with a black crackle finish. The overall dimensions are 3¾" wide by 4⅝ inches high. The mounting bracket can be turned to accommodate vertical or horizontal surfaces and the manufacturer claims that the compass is easily compensated. Priced at $17.50 by the Airguide Instrument Co., 2210 Wabash Ave., Chicago 47, Ill.

THREE QUARTERS OF A MILE effective range has been claimed by the manufacturers of the "Power Voice" transistorized megaphone made by the Motorola Co., Inc., of 4545 W. Augusta Blvd., Chicago, Ill. The unit weighs less than 8 pounds and is said to produce the greatest audio output ever built into a hand loudspeaker. Six flashlight batteries power the amplifier, and due to the low drain of transistorized electronic equipment, can be expected to last for months, depending upon the frequency of use. The loud-hailer is held to the mouth and activated by pressing the trigger of the pistol-grip handle. The user can announce racing directions, weather information, or rescue instructions with a clear, powerful tone. It can be slung from the shoulder and used with a detachable microphone. The housing is of weather resistant construction. Priced at $169.50.

A PURE MARINE BATTERY in 6 and 12 volt sizes for pleasure craft is now offered to the yachtsman by the Exide Industrial Division of the Electric Storage Battery Co., of Philadelphia. Called "Super" and "Standard Marine" by the makers, the new batteries are available in all popular sizes for outboard or inboard starting, and other marine applications. The new design features intercell connectors recessed into the cover, reducing corrosion and eliminating the risk of sparking when tools are dropped across the battery. Units are furnished in standard terminal posts or with burned-on permanent wing-nut connector. Battery cases are of a new lightweight, impact resistant molded rubber.

(*continued on next page*)

the beauty that keeps its promise

The dramatically beautiful, motion-styled Skimaster for 1958 opens a completely new dimension of boating performance with an exclusive, new Glass Magic hull . . . the fabulous "Plus 33."

The result of more than three years of development, research and testing, the "Plus 33" hull brings the newest thrills of modern boating.

WHAT "PLUS 33" MEANS TO YOU

33 M. P. H. has been the performance barrier of boating . . . the point where performance characteristics change and additional motor efficiency is greatly diminished. Glass Magic's "Plus 33" breaks this barrier for the most thrilling adventure of your life. The "Plus 33" hull provides a wide, instant-lift planing bottom for greater speeds . . . the extra load carrying capacity you asked for. A newly designed "Non-Trip" bottom provides controlled banks for safe, sure turns and constant control. A new flared bow gives you a softer, smoother ride.

PERFORMANCE RATED Plus "33" BREAKS THE PERFORMANCE BARRIER OF BOATING

Ask your Glass Magic dealer to show you this new Glass Magic hull . . . you'll see why Glass Magic leads the field.

See your Glass Magic dealer today!

GLASS MAGIC, INC. • FORT WORTH, TEXAS

Pace maker

SEA SKIFF
by
LEEK

29' and 33'
Cruiser and Express

Featuring the best in design, material and construction. Reserved for those who plan ahead. All models sleep four.

29' prices from $8100.00

33' prices from $10,250.00

AUTHORIZED DEALERS FOR Pacemakers

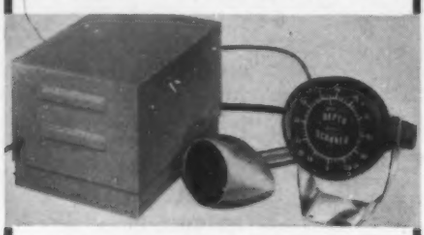
Falmouth Marine Railways, Falmouth, Massachusetts
Mystic Marine Railway, Mystic, Connecticut
Marine Center, Inc., Lindenhurst, Long Island, N. Y.
Powell Boat Yard, Nyack, New York
Smith Boys, Inc., Kenmore, New York
Comstock Boat Works, West Point Pleasant, New Jersey
Hotaling's Boat Yard, Toms River, New Jersey
Somers Point Boat Works, Somers Point, New Jersey
Enterprise Marine, Inc., N. Miami, Fla.
Maxima Boat Basin, St. Petersburg, Fla.
Hampton Road Marina Corporation, Hampton, Virginia
Maine Coast Boat Sales, Inc., Boothbay Harbor, Maine
Catawba Marine Sales, Port Clinton, Ohio
Georgetown Yacht Basin, Georgetown, Maryland
The Marine Sales Company, Annapolis, Maryland

C.P. LEEK & Sons Inc.

R.F.D. #2, LOWER BANK, EGG HARBOR CITY, NEW JERSEY

Greater Safety... More Fun with a

JACKSON
DEPTH SCANNER



AMAZING ACCURACY: Measures up to 120 feet with accuracy within one foot from 2 to 120 feet. All electronic circuit with sensitivity control on 3" diameter attractive indicator. Operates on well-known ultra-sonic sonar wave reflection principle.

WORKS IN ANY BOAT—Made for 6 to 12-volt systems. Current drain 3 & 1½ amps respectively. Comes complete with instructions for simple, easy installation even in the smallest boats.

ORDER DIRECT—Send full amount and we pay shipping. Or send $25.00 balance and shipping charges C.O.D. SPECIFY VOLTAGE DESIRED. Or write for literature.

$89.95

IN CANADA—AVAILABLE FROM CANADIAN MARCONI CO. AT SLIGHTLY HIGHER PRICE.

JACKSON ELECTRICAL INSTRUMENT COMPANY
DEPARTMENT PB-7
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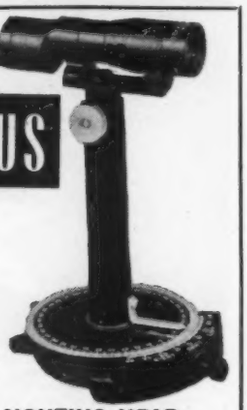


NON-CORRODING
NON-GALVANIC
SOLID BRONZE,
ALUMINUM
& TENITE

★ ALL ANGLE SIGHTING HEAD
★ SURFACE AND CELEST. BEARINGS
★ WIND & CURRENT DRIFT-METER
★ RELIEF SCOPE—NO SQUINTING

small, compact, portable; may be hand held, base drilled for permanent mounting: head detaches for safekeeping.

- Evolved from Navy's Mark II pelorus, combines best features of pelorus, azimuth circle & drift-meter.
- Use scope like TV screen. When object shows, you're on target! No bending, squinting!
- Plate etched sharp white on black, 0—360 degrees by single degrees, knurled rotating edge and threaded clamp.
- Drift-meter 0—40 left and right, either side of lubber's line.

$13.45*

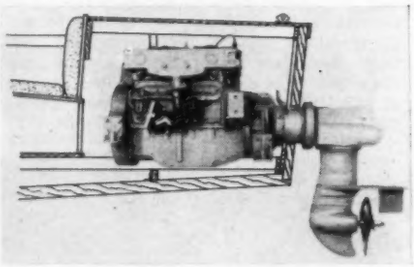
*Includes Postage. Send Check or M.O.

SAILORS SURPLUS INC.
ORANGEBURG 5, NEW YORK

New & Nautical

(continued from page 65)

SANDING WITH THE GRAIN is a must for proper looking varnish work. The new portable electric sander above is made by the Dremel Mfg. Co., of 2400 18th St., Racine, Wisconsin, and sands with a straight-line back-and-forth motion that left no swirl marks or cross-grain scratches in any of our tests. The pad is 3⅔ x 7", and features quick change paper clamps. The motor has no commutator or brushes to service, and uses two fans for low operating temperatures with resultant long life. Priced at $37.50.



THE NORSEMAN Z-DRIVE combines the advantages of both outboard and inboard power. Driven by a 70 HP engine, the outboard drive can also rotate up 90 degrees when trailering or in shallow water. It may be retracted manually or with a vacuum lift. The unit allows the motor to be located at the after end of the boat for space-saving. No keel drilling, stuffing boxes, or rudder are needed with the installation which is priced at $1295.

TRADE NOTES

With the tremendous growth of the boating industry in the past few seasons, as evidenced by the record displays at this year's boat shows, many manufacturers are feeling the need to expand their quarters to deal with the influx of new buyers.

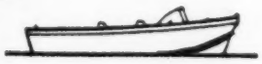
The Crow's Nest, retailers of unique and practical boating accessories, have moved to larger quarters at 16 E. 40th street, N. Y. City, and issued a new catalog.

The Perkins Marine Lamp & Hardware Corp., long the manufacturer of quality "Perko" products, have added 20,000 sq. ft. of area to their plant to keep pace with customer needs. Their new Small Boat Catalog (25¢), and General Catalog ($1.00) show their extensive line.

More power pound for pound!
Less gas mile for mile!

For utility fishermen

For weekenders



For runabouts

VOLVO PENTA BB 70

. . . A NEW concept in inboard power for the modern American boat 16-26 feet.

The superb Swedish engineering skill producing the outstanding *quality* and *performance* of the Volvo-Penta Marine Engine is the same you find in the now-famous Volvo family sportscar.

Check these features:

- COMPACT and *lightweight:* easy to install—saves space.
- ECONOMICAL: both to buy *and* to operate. Uses only one and one half gallons of gasoline per hour, at cruising speed.
- SILENT, vibration-free: due to precision engineering and perfect balance.
- VERSATILE: suitable for a wide range of boats in the 16-26 foot class. Makes twin installation possible in small boats.
- POWERFUL, *durable, dependable:* The quality of the BB70 allows it to run hour after hour at full throttle, taking advantage of its high speed RPM and using its maximum H. P.

DATA	
Max. output	85 B.H.P.
Number of cylinders	4
Valves	Overhead
Capacity	97 cu. in.
Compression ratio	8.2:1
Weight	Approx. 400 lbs.

For cabin cruisers

For auxiliaries

Write for further information:

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Dept. PB, 452 Hudson Terrace Englewood Cliffs, N. J.

Tel.: LOwell 7-0960

EXCLUSIVE FRANCHISE DISTRIBUTORSHIPS STILL OPEN

You'll want the finest spark plugs, too

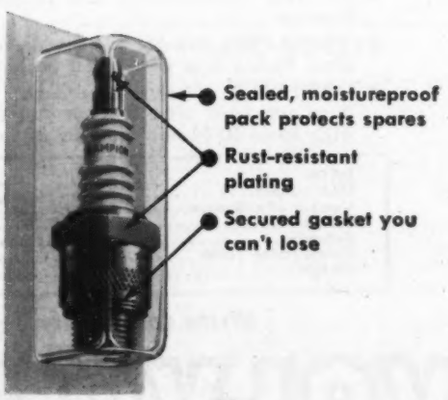
And the finest spark plug for any marine engine is

CHAMPION

You can buy no finer marine spark plugs than Champions. New plated marine Champions now bring you all the outstanding qualities of dependability and performance that have made Champions the spark plugs of the victor in every important inboard race of recent years.

These new Champions also offer you protection against rust with a plating that protects exposed metal surfaces. The gaskets are secured to prevent loss, and each plug is sealed in a moistureproof pack that's ideal for spares.

This season, equip your engines with the finest spark plugs—*Champion marine spark plugs.*



CHAMPION SPARK PLUG COMPANY • TOLEDO 1, OHIO

Popular Boating's

BUYING GUIDE DIRECTORY

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- Sailboats
- Outboard Motors
- Inboard Engines
- Marine Hardware
- Fishing Equipment
- Gas & Oil
- Dockside Pumps
- Mooring Facilities
- Year Around Service
- POPULAR BOATING Authorized Sales Agents

CHOOSING AND TESTING A SAILBOAT

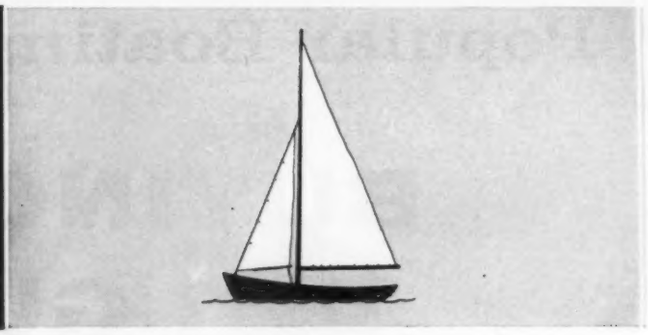
DEALER LISTINGS—PART II

Northern States

COUNSELOR, cruising advisor, fishing consultant, repairman, new and used boat and motor supplier, paint and hardware accessory source, and boatman's best bet for ever ready aid is your marine dealer. He can sell you what you need or order it for you, service it, fuel it, and replace it when required. His is the best advice on the type of boat you should have for your local waters, and how it should be powered and equipped.

Listed this month are dealers throughout the Northern States who have supplied POPULAR BOATING with notations of their special facilities and services. Check here for sources of the equipment you may need; spots to stop and tie up as you plan your next cruise. This directory you will want to save as a year-around reference guide for all your boating needs.

HOW TO TEST A SAILBOAT



By Robert J. Shekter

HOW good is that sailboat you'd like to buy? Your broker and marine surveyor can give you its value and estimate its condition, but only by testing its performance can you determine if it's really the boat for you.

Make your test run with another person aboard; preferably the owner or his certified agent. If the owner can't come along, have him write you a note of permission to take and test his boat. Make sure the boat is insured, and that it isn't technically laid up or otherwise liable to forfeit its insurance rights. If necessary, take out a one-day policy in your own name.

If the boat is wood construction, be sure it has been in the water long enough to have completely swelled. Until seams are tight, each plank, frame and beam is free to work, putting extra strain on each fastening. Open seams also leave space where dirt may lodge, and the accumulation of debris may make each expanding piece of wood act as a lever to work against its fastening.

For an auxiliary, the first test procedure steps are exactly those outlined in the article "Sea Test Before You Buy" in the June issue of POPULAR BOATING, with some additions. Make certain that all equipment such as life preservers and fire extinguishers are on board, that the engine crankcase is filled with clean oil, and the tanks are topped up with fresh fuel. Follow the procedure outlined for checking out the engine, and if everything is all right, get underway.

As you head out to open water, well clear of other boats or swimmers, check the boat for angle of trim, check propeller efficiency, and notice if the engine vibrates excessively; check the steering control of the boat under power, all as for a power boat.

STRESS

Run the boat at full throttle in a straight line for about one quarter of a mile, then turn so you cross your own wake at right angles. Notice, in the head-on wave conditions that result, if the boat "pants" or tends to yield its hull or decking in the waves. This is a particular fault of improperly designed and built fiberglass boats. While such hulls rarely come apart early in life, they may later fatigue and breakdown at deck joints and bulkhead edges. In sailboats, panting generally allows the mast to sway. This may be either the cause or the effect of the fact that the mast step and deck partners come and go, as do the shroud and stay attachments to the hull. This allows the spar itself to bend out of line, and in turn increase the compression loading on it at irregular points. The weather shrouds become useless, and often the mast will fail. Moreover, it is impossible to keep a taut jib luff on such a boat, for the harder you set up on the backstays, the more aggravated the condition becomes.

KEELS AND CENTERBOARDS

While turning under power to parallel the wake, the sailboat observer should lower his centerboard its full length in the trunk. If the board slams heavily against the trunk walls as the sailboat rolls it indicates that the clearance is too great within the trunk. This can be inexpensively corrected by padding the board itself, building up extra thickness on either face with several layers of wood or fiberglass. If the board is metal, it can be taken from the boat and have cheeks of extra thickness brazed to it over the areas which remain in the trunk when the board is lowered. Tremendous impact can result from this slamming, and if it has taken place over many years the trunk is often weakened structurally. Signs of such weakness will be weeping of water around the fastenings and seams when the boat rolls.

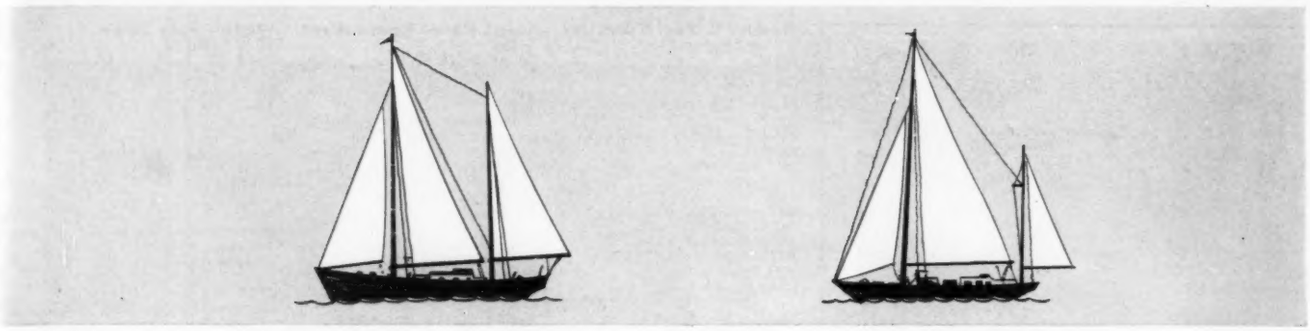
Loose or sloppy keel bolts will also show this weeping about their inside heads. The best cure is the simplest: loosen one bolt at a time, work a thread of waxed flax packing underneath the washer, and tighten the bolt again until it barely starts to crush the floor timber. In a fiberglass boat, tighten the bolts with a torque wrench exerting a pull equal to the force with which you removed the bolt. If all the bolts were sloppy when you started work, set each one up with a torque of about 40 pounds, gradually increasing torque until the leaking stops. In no case ought the torque exceed 50 pounds.

UNDER SAIL

If you're in an auxiliary, note the time you stop the engine. Then, putting your companion at the helm, set the sails, starting with the mainsail. Notice if the halliards are frayed or worn, being careful of broken strands in wire rope. A worn wire halliard should be replaced at once. Not only has it served its useful time, but it has become a hazard to your sails and your hands. A tiny wire fragment can cut you seriously; it can tear a sail well beyond repair. Wire rope is inexpensive and it is false economy to buy a cheaper grade than top quality stainless steel.

When the mainsail's hoisted and made fast, sight along the sail track on the mast and boom. Have your assistant haul the sheet in flat, and watch to see if the track tries to pull away from either spar at any point. The usual spots for trouble in the track are at the head of the sail, at the gooseneck of the boom, and at the clew outhaul fitting. Usually fitting an extra screw at these points will correct the condition. Sometimes, however, in older boats the wood has broken down from rot or fatigue. It must be cut out and replaced. In a little boat under 20 feet, it may be less trouble and expense to make another spar.

Next set the working jib. This will be the size jib normally used on the boat in average weather conditions. Pull it so the luff is tight and the entire load which the jib stay had been carrying in its support of the mast is transferred to the jib. Have your assistant sheet the jib in as hard as he can, then go forward and sight along the stay, holding your head down near the deck. The stay and jib luff should be very straight. Some slight concave curve may appear in the luff, but setting the backstay will remove any sign



of it in a boat with a well built spar. One of the things you're checking, now, is the mast's ability to stand compression.

SAIL CONDITION

The next things to examine are your sails. They should be clean, not mildewed, and in good repair. Torn or dirty sails, showing spots of mold and of neglect, are rarely worth the trouble to set right. A sail in nice condition, though badly out of shape, can often be recut and made like new. If the leech, or trailing edge, is overtight, it will stretch taut, making the area of fabric immediately ahead of it bag into a large pocket. Such a sail is inefficient, and when you realize that the sails may represent from 10 to 30 per cent of the total cost of your boat, it becomes intolerable. Repairs by a good sailmaker may run 10 per cent of the cost of a new sail. The same applies to the slack leeched sail. This sail has a training edge which flops over lifelessly when the sheet is hauled in close. The correction, again, is simple. The too flat sail, one with hardly any curve throughout its fore and aft dimensions is in a separate class with its counterpart, the drafty sail, which has its leading edge hang loose when it's close hauled.

BALANCE

If the wind is strong enough for sailing, put the boat on a close hauled course; if she has a centerboard, lower it little by little until the helm is neutral, or at its minimum. Under these conditions, leeway should be negligible. Check this by having your companion take the helm, holding the boat on the straightest course that he can steer. Now, face the stern, and see that the wake comes back in a straight line extending from the keel of the boat. If the wake seems to angle up to windward, the boat is slipping. Lower the centerboard all the way, and see if the slipping stops. All make some leeway, but if the wake angles up-wind more than two or three degrees, your boat's a bad offender. The cure, which is to increase the lateral resistance, is generally expensive. Adding area to the centerboard may include alteration of the centerboard trunk, a major operation. Sometimes adding a small skeg to the keel, aft, will do the job, but this piece must be strong and well faired-in in order to carry the weight of the boat upon during hauling and storage. Occasionally leeway results from the propeller of an auxiliary being stopped out of line with the deadwood and rudder. The propeller should be swung into a vertical position and retained there by putting the engine into gear.

On a reach or dead before the wind, the boat should make no leeway at all, even with the centerboard raised into its trunk, and the boat should carry no "less helm." Any tendency she shows to turn should be towards the side from which the wind is coming. Occasionally a boat will have a lee helm in very light wind conditions. This will always disappear when the wind increases, but it is nonetheless undesirable, and is a strike against the boat. Some other steering characteristics which make for seakindliness are the ability of the boat to steer itself, when the sails and centerboard are properly trimmed. The only way to discover this is to experiment, first by trimming all the sails exactly for the course, then by raising or lowering the centerboard until the helm goes "dead."

Another phase of steering and sail balance is the boat's ability to come about. Many older designs of sailboats, and certain local types, like the Bahama hulls, have long straight keels which make them sluggish boats to turn. Try your boat when there is little wind and see if she will tack about from one reach to another. If she is slow to respond to her helm it may be possible to cut away her forefoot and her skeg. This is expensive work, and is only worthwhile if the boat is outstanding in its other answers to your needs.

Fit every sail aboard the boat, and examine it as you did the working sails. If the boat has roller reefing gear, examine it for ease of working. Failure of such gear lies in any of three things: The gear may be corroded, teeth may be missing from it, or its attachment to the boom may have worked loose. Corrosion is most easily removed by penetrating oils and a wire brush. Broken teeth require brazing or a new casting, either cheaply done. A fitting loosened from the boom generally means carpentry work on the boom itself, but rarely is a difficult job to handle.

HEADING HOME

Now you're ready to return to the harbor. Note the time on your watch, and start the engine after having sniffed the bilge for gas fumes. While your companion puts away the sails, you can review in your mind the tests through which you've put the boat. Does the boat seem structurally sound and safe? It is a pleasant boat to be with; does it seem too large or too small? Has visibility been adequate at all times?

Have your companion take the helm, and go below. Check cabin ventilation, and engine noise in the cabin. Check the bilges with your flashlight. Has she leaked anywhere other than the stuffing box on this trip? Check the decks and cabin top for leaks by closing all portlights and hatches and sloshing several bucketfulls of water against the cabin sides and deck.)

When the boat has been secured, stop the engine and note the time. Measure the fuel with a dip stick and see if you've burned a reasonable amount. One gallon per hour for 15 hp is very economical. Check engine oil level, noting whether oil appears dirty from the run. If, after half an afternoon of motoring, the engine needs more oil, it shows unhealthy tendencies.

Close all intake valves, fuel valves and water lines, and open the main switch. Then get a distance from the boat and look her over. If she still retains her charm, and you have satisfied yourself she's passed her tests, you may safely feel that the boat is good.

—ROBERT J. SHEKTER.

1. BOAT YARD (Storage & Repairs)

Your boat yard provides professional advice and service for maintaining your boat. Here you can find what equipment has proved most serviceable over a long period in your locality. Check off boat yard addresses in advance along the route when you plan a cruise; they can handle emergency repairs.

—⚓—

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Rt. 25
Bantam—3, 6, 8, 10, 13

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Intersection of U. S. 1 and U. S. 1A
Branford
1, 3, 4, 5, 6, 7, 8, 12, 13

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So. Montowest St.
Branford
1, 3, 4, 5, 6, 7, 8, 12, 13

Birbarie Marine Sales
Boston Post Rd.
1, 3, 5, 6, 8, 10, 12, 13
Branford

Roberts Kit Craft Inc.
1000 Boston Post Rd.
Branford—2, 3, 5, 13

Roberts Kit Craft Inc.
No. Maine St.
Branford—2, 3, 5, 13

Bill's Boat Basin
365 Seaview Ave.
Bridgeport
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Fayerweather Marine Supply
3295 Fairfield Ave.
Bridgeport
3, 4, 5, 6, 8, 9, 13

Johnson Sporting Goods
585-587 Fairfield Ave.
Bridgeport—3, 6, 8, 9, 13

Pequonnock Yacht Club, Inc.
66 California St.
Bridgeport—10, 11, 12, 13

C—Red Dial—4
Ridge Field & Barnum Ave.
Bridgeport
1, 3, 6, 9, 10, 13

Bullock Marine Sales, Inc.
Lake Candlewood
Brookfield
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Christman Woodworking
Rte. No. 7
Brookfield—1, 3, 6, 8, 13

Lake Marine Base Inc.
Rte. 7
Brookfield
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Lake Marine Base Inc.
Candlewood Isle
Danbury
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Danielson—3, 6, 8, 9, 13

Atkin & Co.
2208 Post Rd.
Darien—7, 8, 13

Conn. Marine Instrument Co.
Essex—12, 13

Essex Steamboat Dock
Essex
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Andrew Marine Sales
418 Roosevelt Dr.
Derby—1, 3, 6, 8, 10, 12, 13

Art Kelley's Marine Sales
40 Bridgeport Ave.
Devon
1, 3, 6, 8, 10, 11, 12, 13

Voorhees Marine Sales
40 Bridgeport Ave.
Devon—4, 7, 13

A. T. Howe Boat Co.
445 Main St.
E. Hartford
1, 3, 4, 5, 6, 7, 8, 9, 10, 13

Jones Garage & Marine Wks.
52 So. End Rd.
East Haven—2, 6, 10, 13

Ace Auto & Marine Supply Inc.
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E. Norwalk—6, 8, 9, 13

Al Raymonds
81 Seaview Ave.
E. Norwalk—8, 9, 13

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30 Cove Ave.
E. Norwalk
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Greenwich Oil Co.
Shore Rd.
Greenwich—6, 7, 8, 10, 13

Court Colver Co.
Long Hill Rd. U. S. Rte 1
Groton—3, 4, 5, 6, 7, 8, 13

Clapp & Treat, Inc.
4 American Row
Hartford
3, 4, 5, 6, 8, 9, 13

Irving Kahn Assoc.
541 Windsor St.
Hartford—13

Leo's Super Service
510 Broad St.
Meriden—3, 8, 9, 10, 13

Spencer Boat Yard Inc.
Rose St.
Milford
1, 6, 8, 10, 11, 12, 13

Mastercraft Trailers, Inc.
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Middletown—13

Winthrop L. Warner
P. O. Box 992
Middletown—13

DuBois Boat Livery
Mason's Island
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2, 8, 9, 10, 11, 12, 13

Burmeister & Wain
American Corp.
Holmes St.
Mystic—7, 12, 13

Elliott & Watrous Inc.
39 Water St.
Mystic—12, 13

Franklin G. Post & Son, Inc.
1 Washington St.
Mystic
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Mystic Marine Railway
31 Water St.
Mystic—1, 4, 7, 8, 12, 13

Kellers Gun Shop
880 W. Main St.
New Britain
3, 6, 8, 9, 10, 13

Universal Radio Co. Inc.
61 E. Main St.
New Britain—13

Able Marine Co.
309 Front St.
New Haven
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MacKenzie Machine & Marine Works
East & Water Sts.
New Haven
3, 4, 5, 6, 7, 8, 13

C. S. Mersick & Co.
278 State St.
New Haven—13

Vanacore Machine & Marine
271 Front St.
New Haven
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

J. C. Wyman Co.
576 Quinnipiac Ave.
New Haven—13

Bill Slaymakers
Skippers Locker
160 Willard Ave.
Newington—4, 5, 8, 13

Gates & Beckwith
51 Church St.
New London—13

Herman Marine Service
178 Pequot Ave.
New London—1, 3, 6, 8, 9, 10, 11, 12, 13

Marsters Marine Service
262 Pequot Ave.
New London
1, 6, 7, 8, 9, 10, 11, 12, 13

Stonington Boat Works, Inc.
Church St.
Stonington
1, 2, 7, 8, 10, 11, 12, 13

Thomas Boat Yard & Livery
194 Water St.
P. O. Box 272
Stonington
1, 2, 4, 5, 7, 8, 10, 11, 12, 13

Bayreuther Boat Yard & Marina
On Smith Cove
Niantic
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

A. M. Haring
Riverview Ave.
Noank—8, 9, 10, 11, 12, 13

Thames Hardware & Boat Co.
39-53 Franklin St.
Norwich
3, 4, 5, 6, 7, 8, 9, 10, 13

Welles Marine Service
Mystic R.F.D. 2, Rte. 84
Old Mystic—7, 13

Jones Brothers Boat Yard
Sheffield
Old Saybrook—1 2, 5, 8, 13

Saybrook Marine Service, Inc.
Ferry Rd.
Old Saybrook
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Ole M. Amundsen Boatyard
350 Riverside Ave.
Riverside
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Wm. P. Jenkins Boatyard
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Rowayton
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Rowayton Marine Works
105 Rowayton Ave.
Rowayton
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Chas. E. Murray Co.
College Hgwy.
Simsbury
3, 4, 5, 6, 7, 8, 10, 13

Norwalk Boat Works
Norwalk Marina
160 Water St.
South Norwalk
1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13

Stafford Hardware Inc.
23 East Main St.
Stafford—9, 13

Gachers Marine Basin
Lindstrom Rd.
Stamford
1, 7, 8, 10, 11, 12, 13

Luders Marine Construction Co.
Ft. of South St.
Stamford
1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13

Mobaco Marine
Southfield Ave.
Stamford
1, 3, 4, 5, 6, 8, 12, 13

Norge Boats Inc.
Southfield Ave.
Stamford
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

A. E. Fraser
Church St.
At Stonington Harbor
Stonington—4, 5, 13

Noank Marine Exchange
High & Front St.
Stonington—5, 8, 9, 13

Wequetegouck Cove Boat Co.
U. S. Rte. 1
Stonington Rd.
Stonington
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Brainerds
Main St.
Stony Creek
6, 7, 8, 9, 10, 11, 13

Fladd & Kahles Marina
Housatonic Ave.
Stratford
1, 4, 7, 8, 10, 11, 12, 13

Olsen Marine Co.
76 Ferry Blvd.
Rte. 1
Stratford—3, 5, 6, 7, 8, 9, 13

Town Radio & Marine
1434-36 Barnum Ave.
Stratford—3, 4, 6, 8, 13

Flick & Besse Paint Co., Inc.
298 Main St.
Torrington—13

Alcort Inc.
Box 1345
Waterbury—2, 5, 13

Surface Coatings & Boat Supply Co.
739 Hamilton Ave.
Waterbury—3, 4, 8, 13*

Kellogg Marine Inc.
139 E. State St.
Westport—3, 6, 8, 13

Langers Hardware
Marine & General
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Westport—8, 13

New Haven Marine Co.
824 Orange Ave., Rte. 1
West Haven
3, 4, 5, 6, 7, 8, 10, 13

Joseph M. Battalion
330 Poquonock Ave.
Windsor
1, 3, 4, 6, 7, 8, 9, 10, 13

Recreation Commission
Town Hall, E. State St.
Westport—10, 11, 12, 13

Westport Marine & Supply Co., Inc.
259 Riverside Ave.
Westport—1, 3, 4, 6, 7, 8, 10, 11, 13

Louis E. Helm Marine
512 Silas Deane Hgwy.
Wethersfield
3, 4, 5, 6, 7, 8, 9, 13

DELAWARE

Dover Hardware Co., Inc.
9 Loockerman St.
Dover—8, 9, 13

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Fenwick Island
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121-125 Front St.
Lewes
6, 7, 8, 9, 10, 11, 12, 13

Carlisles*
Churchmans Rd.
Newark—3, 4, 6, 7, 8, 13*

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Yacht Basin
Hen Popen Acres
Rehoboth Beach
1, 10, 11, 12, 13

Wilson Boat Co.
Dewey Beach
Rehoboth
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Wilmington Elec. Spec.
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Wilmington—13

IDAHO

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Bayview—1, 9, 10, 11, 12, 13

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1029 Main St.
Buhl—3, 6, 8, 9, 13

Robt. Yandt Boat Wks.
So. 2nd
Coeur Dalene
1, 2, 3, 4, 7, 8, 10, 11, 12, 13

Roys Jones Boat Wks.
So. 11th
Coeur Dalene
1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13

Mitch Tobler Docks
Box 41
Hayden Lake
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Ben Box Repair Shop
240 So. Lincoln
Jerome—3, 6, 8, 13

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McCall—6, 9, 10, 11, 12, 13

Heitman Boats
Glengary-Star Rte.
Sandpoint
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225 2nd Ave. So.
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Blue Island—8, 13

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Rowson Bridge
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Chicago—3, 6, 8, 13

Airmarine*
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Chicago—3, 6, 8, 13

Anderson Marine Sport*
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Chicago—3, 6, 13

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Chicago—3, 6, 8, 10, 13

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Chicago—3, 4, 13

E. S. Burman Co.
3045 N. Western Ave.
Chicago—8, 13

Chicago Marine Co.*
5772 N. Lincoln Ave.
Chicago—3, 6, 8, 13

Federal Marine Mtrs. Co.
9011 Cottage Grove Ave.
Chicago—7, 8, 13

Gornicks Marine Hdwe.*
9427 Ewing Ave.
Chicago—3, 6, 8, 13

Henry C. Grebe & Co. Inc.
3250 N. Washtenaw Ave.
Chicago
1, 2, 3, 4, 5, 6, 7, 8, 9, 13

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904-8 Irving Pk. Rd.
Chicago—6, 8, 10, 13

Heile Marine Radio
3812 W. Montrose Ave.
Chicago—13

The Helm Co. Inc.
847 Larrabee St.
Chicago—7, 11, 13

Illinois Marine Supply
6930 So. Halsted St.
Chicago—3, 4, 6, 7, 8, 13

1. Boat Yard (Storage & Repairs)
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4. Inboard Motor Boats
5. Sailboats
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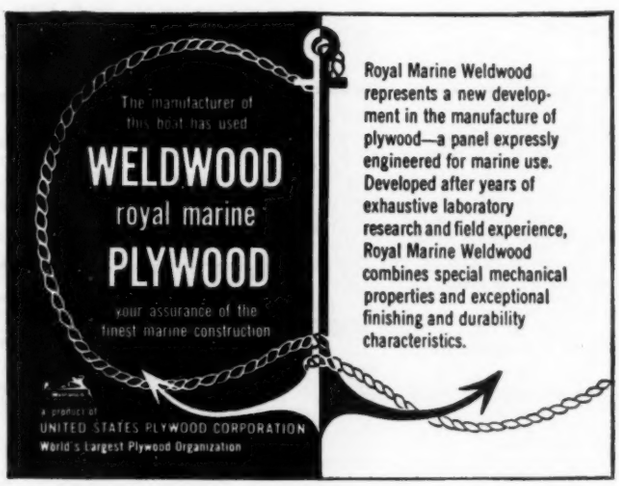
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Chicago

Lohner Boat & Motor
3526 Elston Ave.
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Chicago—3, 4, 6, 7, 8, 10, 13

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227 West Madison St.
Chicago

Masters Marine Inc.*
210 W. Chicago Ave.
Chicago—3, 4, 5, 6, 7, 8, 13

Miller Marine Sales & Service
138th St. & Ind. Ave.
Chicago—3, 4, 6, 7, 8, 10, 13

Milo Craft Boats & Mtrs.
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Montgomery Ward & Co.
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Chicago
3, 4, 6, 7, 8, 9, 10, 13

Pittsburgh Wtrprf. Co.
311 N. Desplaines St.
Chicago—13

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Chicago—2, 13

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Harry H. Stern Marine Division
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Chicago—3, 6, 8, 13

V & M Marine Service
Randolph St. & Breakwtr.
Chicago—1, 7, 10, 12, 13

Switzer-Craft Inc.
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Crystal Lake—2, 3, 4, 8, 13

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Danville—3, 4, 5, 6, 7, 8, 13

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Downers Grove
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Peisters Marine
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Elgin—3, 4, 5, 6, 8, 13*

A. M. Groezinger
Elizabeth—3, 6, 13

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1820 Ridge Ave.
Evanston
1, 3, 4, 5, 6, 7, 8, 10, 13

Chain O Lakes Boat
Routes 59 & 132
Fox Lake
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Towers Fire Apparatus Co., Inc.
502 S. Richland
Freeburg—13

Gee-Bee Marine
71 N. West
Galesburg—3, 4, 6, 7, 8, 13

Grafton Marin Sply., Inc.
Grafton—8, 10, 11, 12, 13

Grafton Boat Wks.
Ft. of Oak St.
Crafton
1, 2, 4, 6, 7, 8, 10, 11, 12, 13

Paulett Hardware
21st & Grand Ave.
Granite City—3, 6, 8, 9, 13

Great Lakes Boat Co.
971 Broadway
Hamilton
3, 4, 6, 7, 8, 10, 13

Floyd Johnsons TV and Sporting
83 W. Jefferson St.
Joliet—3, 6, 8, 9, 10, 13

Northern Trailer & Marine Sales
525 Second St.
LaSalle—3, 4, 6, 7, 8, 12, 13

Seyle Outboard Motors & Boat*
Ingleside

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Hilltop Farms
Lacon—3, 4, 6, 7, 10, 12, 13

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McHenry
1, 3, 6, 8, 10, 11, 12, 13

Selhost Marine
E. of Moline Airport
Off Hgwy. 6—On Rock River
Moline
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Moline—1, 3, 6, 8, 10, 11, 13

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Moline

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LaSalle St. & Ill. River
Ottawa
1, 3, 4, 6, 7, 8, 10, 12, 13

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Peoria
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Wegsteins Boats & Motors
404 W. Moneta St.
Peoria—3, 4, 6, 7, 8, 13

Ericksons Garage
701-3 N. Main St.
Princeton—3, 6, 8, 9, 10, 13

Chambers Equip. Co.
1438 N. 24th St.
Quincy—3, 6, 8, 13

Fraziers Garage
109 S. Tanner
Rantoul—3, 4, 6, 8, 13

Gibs Marine Sales
51 Ave. at 11 St.
Rock Island
1, 3, 6, 8, 10, 11, 13

Pla-Mor Marine Inc.
1016 4th Ave.
Rockford—2, 12, 13

Treadwell Boats & Motors
203 S. Wyman St.
Rockford
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Westside Boathouse
N. 2nd at State Sts.
St. Charles
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Pitts Sport Store
418 Main
Savanna
3, 6, 7, 8, 9, 10, 12, 13

Overfield Boat Works
1601 Cottonwood
Springfield
1, 2, 3, 4, 5, 6, 8, 13

Sharps Products
2400 S. MacArthur
Springfield
4, 7, 8, 9, 10, 11, 13

Sprngfld Marine Agcy.
3215 S. 6th St. Rd.
Springfield—3, 4, 8, 12, 13

Larsens Marine Svce.
Pershing Rd.
Waukegan
1, 4, 5, 7, 8, 10, 11, 12, 13

McKeown Flexible Coatings Mfg.
Box 266
Wilmette—13

Hastings TV
Winslow—3, 8, 13

INDIANA

Gene & Brownie Auto Service
627 Meridan St.
Anderson
3, 4, 6, 8, 10, 13

Bobby C. Lischkge
216 Judiciary St.
Aurora
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

University Sporting Goods
200 No. Walnut
Bloomington
3, 4, 6, 8, 9, 13

Schenkel Bros. Mfg. Co.
Brookville—2, 13

Culver Boat Co.
R.Rte. 2
Culver
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

F. E. Kilbourn, Distbr.
510 E. Columbus Dr.
E. Chicago—3, 6, 8, 10, 13

Leathers Boat House
1823 No. A St.
Elwood—3, 8, 10, 13

G. A. Beard & Son
14. S. E. 4th St.
Evansville—3, 6, 8, 9, 13

Evansville Marine & Supply Co.
R.Rte. 2
Old Henderson Rd.
Evansville
1, 3, 4, 6, 7, 8, 13

Riverside Boat & Motor Co.
2305 S. Weinbach Ave.
Evansville
1, 3, 4, 6, 7, 8, 13

Pete Schindler's Garage
118 Garfield Ave.
Evansville—13

Greiners
2802 So. Calhoun St.
Ft. Wayne—3, 6, 8, 9, 10, 13

Wayne Hardware Co., Inc.
614 So. Harrison
Fort Wayne—3, 8, 9, 13

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1950 Broadway
Gary—3, 4, 6, 8, 9, 10, 13

Em-Roe Sporting Gds. Co.
209 W. Washington St.
Indianapolis—3, 6, 8, 9, 13

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Indianapolis
3, 4, 6, 7, 8, 10, 13

Kerkhofs
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Indianapolis
1, 3, 4, 5, 6, 7, 8, 9, 10, 13

Marine Enterprises Inc.*
3149 Madison Ave.
Indianapolis

Marine Sales Co.
425 N. Senate Ave.
Indianapolis—7, 13

VanCamp Hdwe. & Iron Co.
401 W. Maryland
Indianapolis—3, 6, 9, 13

Fishburns Marine
Bass Lake Rte. 3
Knox
1, 3, 4, 6, 8, 9, 10, 11, 12, 13

Georges Electronic Supplies
320 W. Superior St.
Kokomo—3, 6, 8, 13

Tippecanoe Boat Co.
Box 326
On Tippecanoe Lake
Leesburg
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Kelly Bros. Ace Hardware
Marine Div.
331 E. Main St.
Madison—3, 4, 6, 8, 9, 13

Pulley Sales
417 N. Washington St.
Marion—3, 6, 8, 9, 13

Pioneer Manufacturing Co.
400 Perry St.
Middlebury—2, 3, 13

Pioneer Mfg. Company
Middlebury—2, 3, 13

Tall Timbers Marina
Lake Shafer
Monticello—10, 11, 12, 13

Bowles Sporting Goods
Paoli—3, 6, 9, 13

Tag Sport Shop
Wayne Marine Sales
17 So. 6th
Richmond
3, 4, 6, 7, 8, 9, 13

Whitlock Boat Harbor
122 So. High St.
Rising Sun
1, 4, 7, 8, 10, 11, 12, 13

Rockport Radiator Shop
360 No. 5th St.
Rockport—3, 6, 10, 13

Trestan Boat Works
R.Rte. 2
Scottsburg—1, 2, 7, 8, 13

Thorpe's
18296 State Rd. 23
South Bend
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Aero Mfg. Corp.
600 S. Huntington
Syracuse—2, 3, 13

Dewart Lake Marina
Rte. 3
Syracuse
3, 6, 8, 9, 10, 11, 13

Ken Harkless
Wawasee Boat Co.
Syracuse
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Macy's Wawasee Slip
Lake Wawasee
Syracuse
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Wawasee Marina
Lake Wawasee
Syracuse
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Leonard Hardware
W. K. Brown
Wakarusa—9, 13

Arnolt Corporation
Argonne Rd.
Warsaw—7, 8, 13

North American Marine
Warsaw—2, 3, 4, 13

North American Marine
Hgwy. 15 North
Warsaw—2, 3, 4, 8, 13

IOWA

Hachmann Hardware
124 No. Water St.
Bellevue
2, 3, 5, 6, 8, 9, 10, 13

Bettendorf Boat & Motor Sales
Point Mississippi
Bettendorf and Riverdale
1, 2, 3, 5, 6, 8, 9, 10, 11, 12, 13

Mac's Sporting Goods
1546 State Street
Bettendorf

Seaco Marine Service
412 N. 3rd St.
Box 558
Burlington
1, 4, 7, 8, 10, 12, 13

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Cedar Rapids
3, 4, 6, 8, 13

Midwest Specialty Co.
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Cedar Rapids—6, 10, 13

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Clear Lake
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Council Bluffs—3, 6, 10, 13

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Davenport—3, 6, 8, 9, 13

Jim Dugan Marine Co.
211 Brown St.
Davenport—3, 6, 8, 9, 10, 13

Grampp Motor Sales Co.
501-05 W. 4th St.
Davenport—3, 4, 6, 13

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Davenport—3, 8, 9, 13

Quad City Marine Co.
935 East River St.
Davenport

Central Iowa Boat & Motor Co.
3100 Beaver Ave.
Des Moines
3, 4, 6, 8, 9, 10, 13

Lorenz & Jones Marine Dist.
132 E. Grand
Des Moines
1, 3, 4, 6, 7, 8, 10, 11, 12, 13*

Dubuque Boat & Boiler Co.
302 E. 3rd
Dubuque
1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13

Tegelers
2307 Central Ave.
Dubuque—3, 6, 8, 13

Kautzky Boat & Motor
510 Central Ave.
Ft. Dodge—3, 6, 8, 13

Glass Craft Boats Inc.
P. O. Box 453
Ft. Dodge—2, 3, 13

Tri-State Boat Co.
308 Main St.
Keokuk
1, 3, 6, 8, 9, 10, 13

Miners Repair Shop Marine Dept.
209 N. Federal St.
Mason City
3, 6, 8, 9, 10, 13

Wilson Boat Works
Okoboji
1, 3, 4, 5, 7, 8, 10, 11, 12, 13

Clifford P. Goplerud
431 Walnut St.
Osage—3, 6, 13

Olson Sporting Goods
317 4th St.
Sioux City
3, 6, 8, 9, 10, 13

Sportsmans Inc.
413 Nebraska
Sioux City
3, 6, 8, 9, 13

Hafer Boat Company
102 19th St.
Spirit Lake
1, 2, 3, 4, 8, 10, 11, 12, 13

The Boatyard
3200 Falls Ave.
Waterloo—3, 6, 8, 13

MAINE

Johns Outboard Motor Sales Service
37 Riverside Dr.
Auburn
3, 4, 6, 7, 8, 9, 10, 13

Foster Motor Service
222-236 Main St.
Bangor—3, 6, 8, 9, 10, 13

Rice & Miller Co.
78 Rice St.
Bangor—6, 9, 13

Howard Tobacco Co.*
166 Front St.
Bath—13

MacDonalds Boat Yard
81 Washington St.
Bath—1, 7, 8, 10, 11, 12, 13

C. W. Rogers Inc.
110 Front St.
Bath—8, 9, 13

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Biddeford—2, 4, 12, 13

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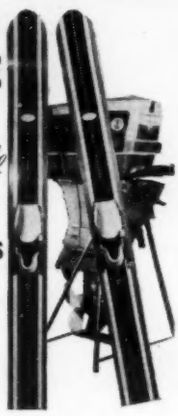

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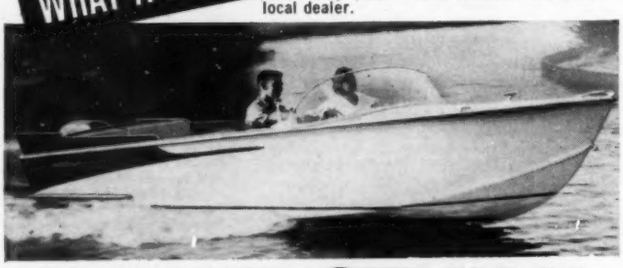

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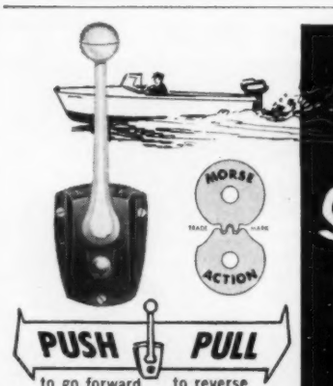

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Camden
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Leadbetters
Bay View St.
Camden
1, 3, 4, 6, 7, 8, 10, 11, 13

Acadia Yacht Service
Town Dock Sea St.
Castine
1, 3, 4, 5, 6, 9, 10, 11, 12, 13

Donald Anderson
Corea
3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Damariscotta Maytag
27 Main
Damariscotta—3, 6, 8, 13

Damariscotta Maytag Store Outboard Division
Damariscotta—3, 6, 8, 13

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Dark Harbor
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

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1, 2, 5, 10, 11, 12, 13

Paul E. Luke
East Boothbay—2, 13

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Central Wharf
Eastport—8, 10, 11, 12, 13

Lash Bros. Boatyard
Friendship—1, 2, 13

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Box 588
Kennebunk Port
1, 2, 6, 7, 8, 9, 10, 11, 12, 13

Barton Machine Shop
Badgers Island
Kittery
1, 7, 8, 10, 11, 12, 13

Davis Boat Yard
McKinley
2, 4, 5, 7, 8, 12, 13

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1, 2, 5, 10, 11, 13
Mt. Desert

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Newcastle—1, 2, 7, 8, 12, 13

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1, 2, 6, 7, 8, 10, 11, 13

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1, 2, 3, 4, 6, 8, 13

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Old Town—2, 3, 5, 6, 8, 13

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156 So. Water
Old Town—2, 3, 4, 7, 8, 13

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Palermo—2, 3, 8, 13

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1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

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Portland—7, 10, 13

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1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

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Rockland—13

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Rockland—2, 7, 8, 12, 13

Penbo Boats
Sea St.
Rockport—2, 3, 4, 12, 13

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S. Bristol—1, 2, 13

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South Freport
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

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1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

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Southwest Harbor
6, 7, 8, 9, 13

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257 Front St.
S. Portland
1, 4, 6, 7, 8, 12, 13

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Foot of Knox St.
Thomaston—1, 2, 4, 7, 13

Newbert and Wallace
Foot of Knox St.
Thomaston—1, 2, 8, 13

James L. Caldewood
Vinalhaven
3, 6, 8, 9, 10, 11, 12, 13

New Meadows Yacht Club
Rich's Mountain
West Bath—6, 10, 11, 12, 13

Hagerthy's General Store
West Point
7, 8, 9, 10, 11, 12, 13

No. Windham Boat Shop
49 Dutton Hill Rd.
Windham—1, 2, 3, 8, 13

Penobscot Boat Shop
Commercial St.
Winterport—2, 3, 4, 5, 13

Otto Weston Hardware
63 Main St.
Winthrop—3, 6, 8, 9, 13

York Harbor Marine Service
Seabury Rd.
York
1, 3, 4, 5, 7, 8, 10, 11, 12, 13

Yarmouth Boatyard Inc.
State Rd.
Yarmouth
1, 2, 3, 4, 5, 7, 8, 10, 11, 12, 13

MASSACHUSETTS

Maple Grove Marine Sales
Leonard St.
Adams—3, 4, 6, 8, 13

Hiram Lowell & Sons
459 Main St.
Amesbury
2, 3, 4, 6, 7, 8, 13

Morrills Boat Shop
465-467 Main St.
Amesbury
2, 3, 4, 5, 6, 8, 13

Smith Boat Shop
Pleasant Valley Rd.
Amesbury
1, 2, 3, 4, 6, 7, 8, 10, 11, 13

Corsis Marine Service
144 Mystic St.
Arlington
3, 4, 6, 7, 8, 9, 13

Wescraft Marine
Main & Water
Assonet
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Barnstable Marine Service Inc.
Barnstable Marina
Barnstable
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Websters Store
Amherst Rd.
Belchertown
3, 6, 8, 9, 10, 13*

Beverly Marine Basin
15 Water St.
Beverly
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Atlantic Marine Exchange Inc.
84 Atlantic Ave.
Boston—8, 9, 13

Bay State Boat Co.
296 Freeport St.
Boston
3, 4, 5, 6, 7, 8, 10, 11, 12, 13

James Bliss & Co. Inc.
342 Atlantic Ave.
Boston—6, 8, 13

Commonwealth Ship Supply Co. Inc.
237 Northern Ave.
Boston—8, 9, 13

Conversion Parts Co.
272 Adams St.
Boston—3, 6, 7, 8, 9, 13

Dorchester Yacht Club
96-100 Playstead Rd.
Boston—10, 11, 12, 13

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73 Commercial Wharf N.
Boston—10, 13

Harrington King & Co.
79 Commercial St.
Boston—8, 13

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Boston—7, 13

Harry Miller Co.
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Boston—8, 13

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Boston—9, 13

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Boston—1, 3, 6, 8, 9, 13

Outboard Motor Mart
229 State St.
Boston—1, 3, 6, 8, 13

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263-5 Northern Ave.
Boston—13

Louis Posner Marine Radio Equipment Inc.
263 Northern Ave.
Boston

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Presidents Rd.
Bourne
3, 4, 6, 8, 10, 11, 12, 13

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Near Town Pier
Brant Rock
1, 8, 9, 10, 11, 12, 13

Wetzells Sport & Marine Shop*
644 Belmont St.
Brockton
3, 4, 5, 6, 8, 9, 13

Caldaras Boat-Bait-Tackle
2 Main St.
Buzzards Bay
3, 6, 9, 10, 11, 13

Gray Gables Inn
Presidents Rd., Buzzards Bay
Cape Cod—10, 11, 12, 13

Jaynes Onset Bay Yacht Yard
Buzzards Bay
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Bay State Boat Co.
29 Main St.
Cambridge
3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Kingman Marine Construction Inc.
Shipyard Lane
Cataumet
1, 2, 10, 11, 12, 13

Raz Parker Boat Yard
Shore Rd.
Cataumet
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13

Menemsha Marine Serv.
Menemsha Bight
Chilmark
8, 9, 10, 11, 12, 13

Cohasset Boat Storage & Supply Co. Inc.
82 Border St.
Cohasset
1, 4, 7, 8, 10, 11, 13

South Bridge Boat House
Main St., Rte. 62
Concord—3, 5, 6, 8, 13

Frederick H. Boden
Main St.
Cotuit—2, 5, 8, 13

Pecks Boats
Route 28
Cotuit
1, 2, 3, 5, 6, 8, 9, 10, 13

Shaws Boat Yard
Foot of Main St.
Dighton
1, 2, 4, 5, 7, 8, 12, 13

Northeast Marine Service Inc.
11 Philip St.
Dorchester
1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13

Duxbury Marine Rlwy.
Next to Duxbury Yacht Club
Duxbury
1, 2, 6, 7, 8, 9, 10, 11, 12, 13

Robert Stanton Fox, N. A.
Powder Point Ave.
Duxbury—13

General Ship & Engine Works, Inc.
336 Border St.
East Boston—2, 4, 12, 13

Pigeon Hollow Spar Co.
131 Coleridge St.
East Boston—13

Burnham & Thomas Yacht Yard
Norwood Court
East Gloucester
1, 8, 10, 11, 12, 13

Marion Boat Works Inc.
Point Rd.
East Marion
1, 2, 3, 4, 5, 7, 8, 12, 13

Days Outboard Service
Eastern Ave.
Essex—3, 6, 8, 13

Marine Radio & Electric Co. Inc.
42-44 Main St.
Fairhaven—13

Peirce & Kilborn Shipyard, Inc.
50 Fort St.
Fairhaven—1, 10, 11, 13

Fall River Sporting Supplies
1472 So. Main St.
Fall River—8, 9, 10, 13

Moss Marine
264 Davol St.
Fall River
2, 3, 4, 6, 7, 8, 10, 11, 12, 13

Capt. J. J. O'Connell Boat Showrooms
180 River St.
Fall River
3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Cape Cod Marine Service Inc.
MacDougalls
Falmouth Inner Harbor
Falmouth
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Falmouth Marine Railways Inc.
310 Scranton Ave.
Falmouth
1, 4, 7, 8, 10, 11, 12, 13

Green Point Boatyard Inc.
Green Pond
Falmouth
1, 8, 10, 11, 12, 13

O'Neill's
John Hitch Hgwy.
Fitchburg—3, 4, 6, 8, 10, 13

Heatons Boats & Motors
Neponset Lake
Foxboro
3, 6, 7, 8, 9, 10, 11, 12, 13

Days Outboard Service
465 Washington St.
Gloucester—3, 6, 8, 13

Gloucester Machine Shop Corp.
Rear 45 Wharf St.
Gloucester—8, 13

Gloucester Yacht Yards, Inc.
147 E. Main St.
Gloucester
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Gloucester Marine Ex. General Marine Bkrge.
11 Rogers St.
Gloucester—13

Gloucester Marine Railways Corp.
Rocky Neck
Shipyards Inc.
Gen. Off. 9 Wharf St.
Gloucester—1, 2, 12, 13

Gloucester Oil Supply Co.
395 Main St.
Gloucester—10, 11, 13

Gloucester Yacht Yards Inc.
147 East Main St.
Gloucester
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

N. W. Montgomery & Son
Ferry St.
Gloucester
1, 2, 3, 4, 5, 7, 8, 13

Lawrence N. Peterson
Rogers & Water St.
Gloucester—8, 13

Louis Posner Marine Radio Equipment, Inc.
10 Rogers St.
Gloucester—13

River Boat & Engine Shop, Inc.
27 River Rd.
Gloucester—3, 6, 8, 12, 13

Allen Harbor Marine Service
Harwich Port
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Allen Harbor Marine Service
335 Lower Cnty. Rd.
Harwich Port
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

The Ships Store
Corner of Green & Water Sts.
Hingham—5, 8, 13

John H. Lee & Son
158-166 Race St.
Holyoke—6, 7, 13

Millers Boat Shop
823 Nantasket Ave.
Hull—1, 3, 4, 6, 8, 10, 12, 13

Klimms Boatyard
157 Pleasant St.
Hyannis—1, 8, 10, 11, 13

Philip L. Fessenden
16 Argilla Rd.
Ipswich—2, 13

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4. Inboard Motor Boats
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7. Inboard Engines
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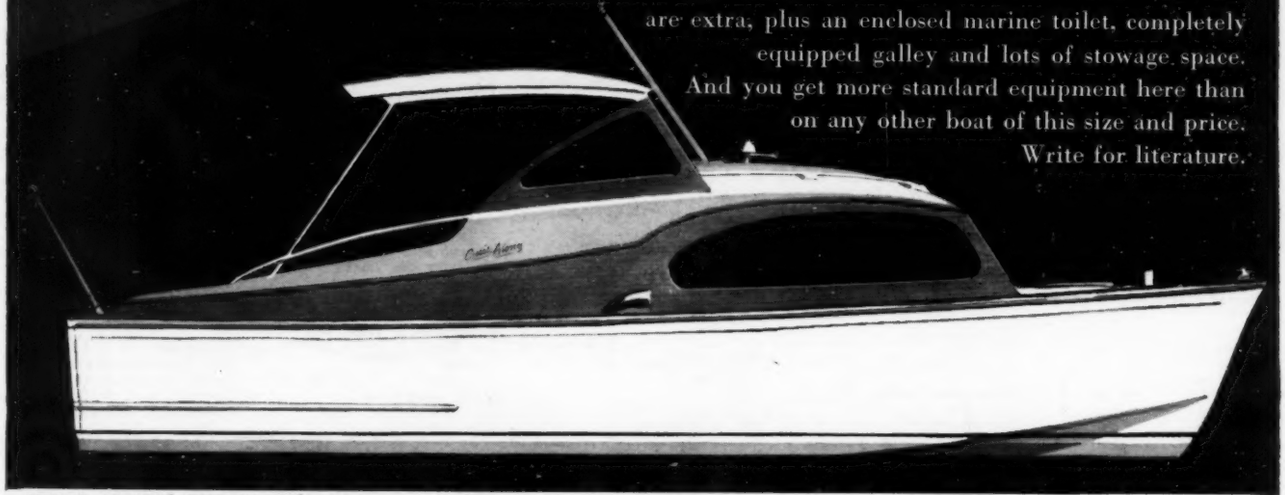

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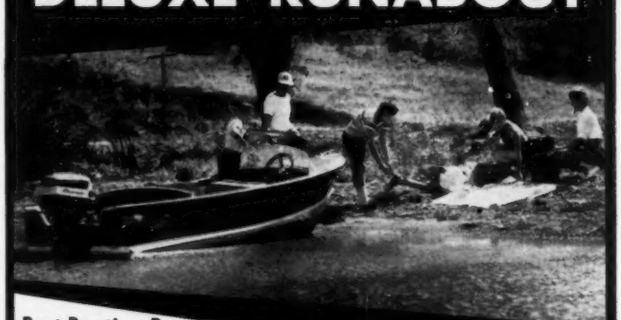

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39 South Canal St.
Lawrence—2, 3, 4, 13
Steel Pier Co.
190 Central St.
Leominster—13
Lynn Hardware Co.
34-38 Munroe St.
Lynn—8, 13
James E. Graves, Inc.
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95 Front St. and Beacon St.
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1, 2, 4, 5, 6, 7, 8, 10, 11, 13
Marblehead Rental Boat Co.
81 Front St.
Marblehead—5, 10, 11, 13
North Shore Outboard Service
66-70 Washington St.
Marblehead—3, 6, 8, 13
Richard Price Yacht Yard
Fort Sewall
Marblehead—1, 2, 5, 13
Fred L. Woods Jr.
76 Washington St.
Marblehead—13
Burr Bros. Boats
Front St.
Marion
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Delano Boat & Supply Co.
Ocean St.
Marshfield—2, 3, 4, 7, 8, 13
Humarock Boat & Marine Co. Inc.
Ferry St.
Marshfield
1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Burr Bros. Boats
Neds Point
Mattapoisett
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Russo's Marine Mart*
227 Salem St.
Medford
Wallace Boat Yard
River Rd.
Merrimac—1, 2, 3, 5, 13
Steve's Sport Den*
Center St.
Middleboro
Straight Wharf Marina
Straight Wharf
Nantucket—10, 11, 12, 13
Dunham Pontiac Marine Dept.
268 Chestnut St.
Needham
3, 4, 5, 6, 7, 8, 10, 13
Tracy Yacht Basin Inc., Marina
20 Ericsson St.
Neponset
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Gifford Marine Co. Inc.
21-23 No. Second St.
New Bedford—3, 6, 8, 9, 13
Whitehead Marine Radio
48 North Water St.
New Bedford—13
Outdoorsman
Popes Island
New Bedford
6, 9, 10, 11, 12, 13
Fernalds Marine
Parker River, Rte. 1A
Newbury
1, 3, 4, 6, 8, 10, 11, 12, 13
Town Class Boats
Pert Lowell
Lanes End
Newbury—1, 2, 5, 8, 13
Town Class Boats
Pert Lowell
Lanes End
Newbury—1, 2, 5, 7, 8, 13
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100 Merrimac St., Rear
Tournament Wharf
Newburyport
1, 2, 4, 7, 8, 9, 10, 11, 12, 13
American Yacht Club
Water St. Rear
Newburyport—10, 11, 13
Hatheway Boat Builders
58 Merrimac St.
Newburyport
1, 2, 4, 5, 7, 8, 10, 11, 12, 13
Center Sports
29 Main St.
No. Adams—3, 6, 9, 13
McKeand-Stoney Brook Boatyard
Stony Brook Lane
Norwell—1, 2, 8, 13
The Savage Universal Bracket Co.
5 Wendall Ave.
Norwell—8, 13
Colonial Marine
385 Access Rd., Rte. 1
Norwood—3, 4, 6, 7, 8, 13
Churchs Pier
Lake Ave.
Oak Bluffs—9, 10, 11, 12, 13
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4 Wianno Ave.
Osterville—3, 8, 9, 13
Crosby Yacht Bldg. & Storage Co. Inc.
Crosby Circle
Osterville
1, 2, 4, 7, 8, 9, 10, 11, 12, 13
Wichs Trading Post
253 Fenn St.
Pittsfield
3, 6, 8, 9, 10, 13
Plymouth Marine Railways Inc.
14 Union St.
Plymouth
1, 6, 7, 8, 9, 10, 11, 13
Flyess Boat Shop
131A Commercial St.
Provincetown
1, 2, 3, 4, 5, 6, 8, 13
Taves Boat Yard Marine Railway
133A Commercial St.
Provincetown
1, 2, 3, 4, 6, 7, 8, 13
Quincy Adams Yacht Yard Inc.
47 Palmer St.
Quincy
1, 2, 4, 5, 7, 8, 10, 11, 12, 13
Snug Harbor Boat Yard
64 Washington Ct.
Quincy
1, 3, 4, 5, 10, 11, 12, 13
Jaynes Auto & Maine Supply
77 Bridges St.
Salem
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Manson Boat Works
Bridge Rd.
Salisbury—2, 4, 13
United Cape Cod Cranberry Co.
Off Tupper Rd.
Cape Cod Canal
Sandwich—10, 11, 12, 13
Fred Gilley Boatyard Inc.
7 Porter Rd.
Scituate
1, 2, 4, 5, 6, 7, 8, 12, 13
Davis & Tripp, Inc.
1 Bridge St.
S. Dartmouth
3, 4, 6, 7, 8, 10, 11, 12, 13
The Packet, Inc.
56 Elm St.
S. Dartmouth—13
Marine & Appliance Co.
Halls Corner
S. Duxbury—3, 6, 8, 9, 13
Swansea Boat Yard
161 Calef Ave.
S. Swansea
1, 3, 4, 7, 10, 11, 12, 13
Bassett Boat Co. Inc.
885 Alden St.
Springfield
2, 3, 4, 5, 6, 8, 9, 12, 13
Carlisle Hdwe. Co.
1548 Main St.
Springfield—3, 6, 9, 13
Inland Marine Center
Liberty Theatre Bldg.
Springfield
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
P. D. Thibert Lumber Co. Inc.
60 Island Pond Rd.
Springfield—2, 3, 13
Dukes Cnty. Garage Inc.
Beach & Water Sts.
Vineyard Haven
10, 11, 12, 13
Machine and Marine Service, Inc.
Beach Rd.
Vineyard Haven
1, 3, 4, 5, 6, 7, 8, 10, 12, 13
Warrs Marine Railway
Lower Main St.
Wareham
1, 3, 4, 5, 6, 7, 8, 13
Cape Cod Marine Mart
Box 188, Main St.
W. Dennis—3, 6, 8, 9, 13
Dan-Dee Inc. Marine Dept.
958 Worcester St., Rte. 9
Wellesley
3, 4, 6, 8, 10, 12, 13
Wellfleet Marine Corp.
Town Pier
Wellfleet
3, 5, 6, 8, 9, 10, 11, 12, 13
South Shore Marine Co.
604 North Elm St.
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2, 3, 6, 8, 9, 13
MacGregors
West Falmouth
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
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Lambert Beach
Hampton Ponds, Rte. 202
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Worcester 4
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1, 3, 6, 8, 9, 10, 13
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Stones Sport Shop
126 Hubbard
Allegan—3, 6, 8, 9, 10, 13
Merrill Marina
234 Edgewater
Algonac
1, 7, 8, 10, 11, 12, 13
Frank H. Stover*
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Bay City
Purdy Marine Co., Inc.
Diamond Lake
Cassopolis
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
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Chisholm St. Docks
Alpena
1, 2, 4, 5, 7, 8, 10, 11, 12, 13
LaCross Boat Wks. Inc.
Star Rte.
Alpena
2, 3, 4, 6, 7, 8, 10, 13
Nates Boat Shop
2527 Dexter Rd.
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3, 4, 5, 6, 7, 8, 10, 13
Forresters
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Battle Creek—3, 6, 8, 13
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Bay City
3, 4, 5, 6, 7, 8, 12, 13
Fletchers
Euclid & Midland Sts.
Bay City—9, 10, 11, 13
Fletcher Oil Co. Inc.
800 Marquette St.
Bay City—3, 8, 9, 10, 11, 13
Plowdreys Marine Sale
963 E. Midland St.
Bay City
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Tobias Duz It
603 Third
Bay City—13
Plowdreys Marine Sale
963 E. Midland St.
Bay City
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Redfern Marine, Inc.
S. Clam Lake Rd.
Bellaire
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Bob Hayward's Boat and Motor Sales
475 Main St.
Belleville
3, 4, 5, 6, 8, 9, 10, 11, 12, 13
Horst Manufacturing
12675 Haggerty Rd.
Belleville—2, 13
Barney's Marine & Tackle Shop
1716 U. S. 12
Benton Harbor
3, 6, 7, 8, 9, 10, 13
Gardners Inc.
80 Wall St.
Benton Harbor—3, 6, 9, 13
Ed. E. Appelhof
Crystal Lake & U. S. 31
Beulah—3, 4, 5, 13
Beulah Boat Shop
Beulah
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Gardners Inc.
U. S. 12 at Stop Light
Bridgman—3, 6, 8, 9, 13
Williams Sport Shop
414 S. Mitchell St.
Cadillac
3, 4, 5, 6, 8, 9, 10, 11, 12, 13
Carlton Hdwe. Co.
400 5th St.
Calumet—6, 8, 9, 13
Texaco Service
Cedarville
3, 4, 6, 8, 10, 11, 12, 13
Bellinger Marine Svce.
Belvedere Ave.
Charlevoix
1, 2, 3, 6, 7, 8, 10, 11, 12, 13
Brow Marina
207 Belvedere Ave.
Charlevoix
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Hamilton and Son Boat Yard
231 Belvedere Ave.
Charlevoix
1, 7, 8, 10, 11, 12, 13
Miller Boat Co.
Charlevoix—3, 4, 6, 7, 8, 13
Tixitmarine
Portage Entry
Chassell
1, 2, 3, 6, 7, 8, 9, 10, 11, 12, 13
Majestic Marine Sales & Service, Inc.
220 Water St.
Cheboygan
1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13
Clinton Machine Co.
Franklin St.
Clinton—6, 7, 13
Otto's Sporting Goods
539 E. Chicago St.
Coldwater—3, 4, 6, 8, 9, 13
Stokes Marine Supply Co.
505 E. Chicago St.
Coldwater—7, 8, 13
Pine Run Boat Works
17463 No. Dixie Hgwy.
Clio—2, 3, 4, 6, 7, 8, 10, 13
Cummins Diesel Michigan Inc.
3760 Wyoming Ave.
Dearborn—7, 13
Dearborn Marine Supply
21903 Michigan
Dearborn—3, 6, 8, 10, 13
Nichols Sport & Marine
7048 Greenfield
Dearborn
John E. Bodkin & Co.
8432 E. Jefferson Ave.
Detroit—4, 5, 13
Cochell Marine Co.
9135 Hall St.
Detroit—13
Geo. K. Cheatham Co.
6330 E. Jefferson
Detroit—3, 4, 6, 8, 9, 13
Clyde Boat Wks.
8600 Livernois Ave.
Detroit—2, 3, 6, 7, 8, 13
Detroit Diesel Engine Division General Motors Corp.
13400 W. Outer Dr.
Detroit—7, 13
Al D. Eath Marina
414 Ashland Ave.
Detroit
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
East Detroit Boat Co., Inc.
23416 Gratiot Ave.
East Detroit—2, 3, 6, 8, 9, 13
General Aircraft Supply Corporation
Detroit City Airport
Detroit—13
Gregory Boat Co.
1327 E. Jefferson
Detroit—3, 4, 6, 7, 13
International Yacht Sales
604 Kerr Bldg.
Detroit—4, 5, 13
The Harbor Inc.
Ft. of Fairview
Detroit
1, 4, 5, 7, 8, 10, 11, 12, 13
F. J. Lang
9119 Van Dyke
Detroit—4, 12, 13
Mac's Sport Shop
20411 Van Dyke
Detroit—6, 8, 9, 13
Plasticles Corp.
14590 Schaefer Rd.
Detroit—13
Skipper Marine Sales, Inc.
11201 E. Jefferson
Detroit—3, 4, 6, 7, 8, 13
Thomas Hardware Co.
729 Townsend Ave.
Detroit—5, 8, 13

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1, 2, 3, 4, 5, 6, 8, 9, 10, 13

De Tour Garage
De Tour—3, 6, 10, 13

Jacks Marine Mart
Rte. 1, Magician Lake
Dowagiac
1, 3, 4, 6, 8, 9, 10, 11, 12, 13

Sorensens Service Station
1629 Ludington St.
Escanaba—3, 6, 8, 9, 10, 13

Bakers Yacht Service
2363 Weadock Rd.
Essexville
1, 2, 5, 8, 10, 11, 12, 13

Maliskey Boats
7399 Dyke Rd.
Fair Haven
1, 2, 3, 4, 7, 8, 12, 13

John Davies Boats
Silver Lake
Fenton
3, 6, 8, 10, 11, 12, 13

Lake Fenton Boat Sale
2377 N. Long Lake Rd.
Fenton
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Loomis Boats
14016 Fenton Rd.
Fenton
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Good Sporting Goods
5525 N. Saginaw
Flint—3, 4, 6, 7, 8, 9, 10, 13

Loomis Boats Hobbies
1508 S. Saginaw St.
Flint—3, 4, 6, 8, 13

Gibraltar Boatyard
13770 Blakely
Gibraltar—1, 8, 10, 11, 12, 13

Johnson Bros. Oil Co.
Gladstone—6, 10, 13

Glen Craft Marine
Glen Arbor
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Beyers Marina, Inc.
500 N. Second St.
Grand Haven
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Bobs Marine Sales & Service
Grand Haven Marina
N. Water St.
Grand Haven
3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Kooiman Sport Shop
219 N. 7th St.
Grand Haven—3, 6, 8, 9, 13

Coyes Marine Supply House
168-70 Louis St. N.W.
At Campus Ave.
Grand Rapids—8, 13

Otterbein's Sport Shop
3409 Plainfield N.E.
Grand Rapids—3, 6, 8, 9, 13

Piens Built Boats
1236 S. Division Ave.
Grand Rapids
3, 6, 8, 9, 10, 13

Gil Schaefer Distributor, Inc.
443 Jefferson Ave. S.E.
Grand Rapids—3, 6, 8, 13

The Boat House
2841-51 S. Division Ave.
Grand Rapids
3, 5, 6, 8, 9, 13*

Nelson Marine Sales
106-108 S. Lafayette
Greenville—3, 6, 8, 10, 12, 13

The Ships Wheel
19605 Mack
Grosse Point—13

Blashills Boat Livery
78 Trescott St.
Harbor Beach
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Hollywood Service Station
Cor. Main & State
Harbor Springs—10, 13

Walstrom Marine Inc.
105 Bay St.
Harbor Springs
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

E. J. Mertaugh Boat Works
Hessel
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Bay Haven Marina
1862 Ottawa Beach Rd.
Holland—7, 8, 10, 11, 12, 13

Beacon Boat Co.
1691 S. Shore Dr.
Holland
1, 2, 4, 5, 7, 8, 10, 11, 12, 13

Easter Marine Service
2081 Lakeway Dr.
Holland
3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Grissens Sport Center
Ottawa Beach Rd.
Holland
1, 3, 4, 6, 8, 9, 10, 11, 12, 13

Jesiek Bros. Shipyard
Macatawa Park
Holland
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Archie D. Smith
Midway Shopping Center
Holly

Jacks Boat & Sport Shop
Rte. 1, North Shore
Houghton Lake
1, 3, 4, 6, 8, 9, 10, 13

Davis Boats
At the Bridge
Indian River
3, 6, 8, 9, 10, 11, 13

Caswell & Co.
243 So. Dexter
Ionia—3, 6, 8, 10, 13

Van Camp Boat Co.
715-723 Wildwood Ave.
Jackson
3, 4, 5, 6, 8, 9, 13

Ferris Marine Base
9009 Portage Rd.
Kalamazoo
3, 6, 8, 9, 10, 13

Wagner Marine Sales & Service
911 Lakeview Dr.
South Side West Lake
Kalamazoo
3, 4, 6, 7, 8, 10, 11, 12, 13

S. J. Wilkinson
Sporting Goods
158 Portage St.
Kalamazoo
3, 4, 6, 8, 9, 13

Costello's Boat House
873 S. Lapeer Rd.
Lake Orion
3, 4, 5, 6, 8, 9, 10, 13

Ted Cobb Boats & Motors
9653 Kress Rd.
Lakeland
3, 6, 8, 9, 10, 12, 13

P. O. Sexton
Outboard Motors
P. O. Box 597
Lansing—6, 13

Plyable Lakergil Co.
1204 Cleveland St.
Lansing—13

Van Dervoorts
232 N. Washington Ave.
Lansing—3, 5, 6, 8, 9, 13

Woody's Boat Dock
Grand View Beach
LaSalle—1, 10, 11, 12, 13

Barnhart—Boat-Livery
Rte. 2—Upper Hamlin Lake
1, 3, 6, 9, 10, 11, 12, 13
Ludington

Beebes Service
401 So. Washington Ave.
Ludington
3, 6, 8, 9, 10, 13

Colvin's Marine Storage
121 So. James
Ludington
1, 4, 7, 8, 10, 11, 12, 13

Lunde Boat Company
809 So. Washington Ave.
Ludington
1, 4, 5, 7, 8, 9, 12, 13

Top O' Lakes Gifts & Sporting Goods
206 Cedar St.
Manistique
3, 6, 8, 9, 10, 11, 12, 13

Fred Minster Boat Sales
2770 Round Lake Hgwy.
Manitou Beach
3, 4, 5, 6, 7, 8, 10, 11, 12, 13

M. & H. Sporting Goods
219 W. Main St.
Mendon
1, 2, 3, 4, 5, 6, 7, 8, 9, 13

O'Brien's Trading Post
119 No. Lakeside Dr.
Michigan Center
3, 6, 8, 9, 10, 11, 12, 13

Lefler Outboard Sales
121 Gordon St.
Midland—3, 6, 8, 9, 13

Squires Mfg. Co.
609 County St.
Milan
1, 2, 3, 4, 6, 7, 8, 13

Monroe Boat Works
Bolles Harbor
Monroe
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Boston Yacht Sail Co.
34 Riverside Dr.
Mt. Clemens—5, 13

Clinton River Marina
32190 North River Rd.
Mt. Clemens
1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13

Mears Marine Sales & Service
30077 So. River Rd.
Mt. Clemens
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Midway Marine Inc.
30137 So. River Rd.
Mt. Clemens—1, 3, 4, 12, 13

Romick's Boats
32081 No. River Rd.
Mt. Clemens
3, 6, 8, 9, 10, 11, 12, 13

Spencer Marine Inc.
31785 So. River Rd.
Mt. Clemens—1, 4, 7, 8, 13

Thomas Boat Livery & Marine Service
28955 Rosso Hgwy.
Mt.Clemens—
1, 9, 10, 11, 12, 13

C. S. Anderson
Ft. Moon Ave.
Muskegon—13

Boat Sales & Service
5605 Airline, Box 277
Muskegon Heights
3, 4, 6, 8, 10, 13

Damm Hardware Co.
635 Ottawa St.
Muskegon—3, 6, 8, 9, 13

Ginman Boat Co.
1888 Lakeshore Dr.
Muskegon—1, 2, 13

Hartshorn Marina
920 W. Western Ave.
Muskegon
1, 3, 4, 6, 8, 9, 10, 11, 12, 13

Jones Electric Co.
658 Ottawa St.
Muskegon—3, 6, 8, 9, 13

Mac Bay Boat Co.
5605 Airline Road
P. O. Box 277
Muskegon Heights
2, 3, 4, 7, 8, 13

Bob Moore's Boats & Motors
2501 Peck St. at Hume Ave.
Muskegon Heights
3, 6, 8, 10, 13

Muskegon Outboard Specialties Company
4386 Airline Rd.
Muskegon—3, 4, 6, 8, 10, 13

Davis Boats & Motors
Maple Lake
Paw-Paw
3, 6, 8, 10, 11, 12, 13

Bremmeyr Bain Co.
Lake St.
Petoskey—6, 8, 9, 13

Harrington Boat Wks.
1899 So. Telegraph Rd.
Pontiac
1, 2, 3, 4, 5, 6, 8, 10, 13

Inland Lakes Sales
3127 W. Huron St.
Pontiac
1, 3, 4, 5, 6, 7, 8, 10, 13

Owens Marine Supplies
396 Orchard Lake Ave.
Pontiac
3, 4, 5, 6, 8, 9, 10, 13

Jacobs Marine Sales
3620 Military
Port Huron
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Jack's Boats & Motors
1253 Water St.
Port Huron
3, 6, 8, 9, 10, 11, 12, 13

Marine Service
P. O. Box 238
Port Huron—10, 11, 12, 13

Hank Schneider
207 E. Water St.
Port Huron

Torch River Boat Shop
Rte. 4
Rapid City
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Higgins Lake Boat Yard Inc.
Higgins Lake
Roscommon
1, 3, 4, 5, 6, 7, 8, 10 11, 12, 13

Todd Boat Sales & Service
12358 E. D. Ave.
Gull Lake
Richland—1, 3, 4, 5, 7, 8, 10, 11, 12, 13

S. J. Wilkinson Boat Yard
Gull Lake R. Rte. 1
Richland
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

McGee Finlay
The Sport Shop
615 E. Genese Av.
Saginaw—3, 6, 8, 9, 13

Cooper Chris Craft Sales Inc.
24910 Jefferson Ave.
St. Clair Shores
4, 5, 7, 8, 12, 13

Miller Marina Inc.
24770 E. Jefferson
St. Clair Shores
1, 8, 10, 11, 12, 13

Permacraft Corp.
22704 Harper
St. Clair Shores
2, 4, 7, 8, 13

Quatrines Sports
24525 Harper
St. Clair Shores
3, 5, 6, 8, 9, 10, 13

Skipper Marine Sales, Inc.
24530 Jefferson
St. Clair Shores
3, 4, 6, 7, 8, 13

The General Fire Extinguisher Corp.
25631 Little Mack
St. Clair Shores—13

Harwill, Inc.
Aero-Craft Boats
400 Water St.
St. Charles—2, 3, 8, 13

Gardner's Inc.
312 State St.
St. Joe—3, 6, 8, 9, 13

Range Oil & Gas Co., Inc.
42 Trimountain Ave.
South Range—10, 13

Harmon Dudd
Klinger Lake
Sturgis
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Bauman Chris Craft
227 Alden St.
Spring Lake
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Boat Sales & Service
314 W. Savidge St.
Spring Lake—3, 6, 8, 10, 13

Tawas Boat & Marine Supply
811 Lake St.
Tawas City
3, 4, 6, 8, 9, 12, 13

Ray Darrow Marine Base
West Bay Shore
Traverse City
1, 4, 7, 8, 10, 11, 12, 13

Henry Larsen Marine Sales and Service
430 E. Front St.
Traverse City
3, 6, 8, 9, 10, 13

Traverse Bay Industries, Inc.
P. O. Box 542
Traverse City
1, 3, 4, 5, 6, 7, 8, 10, 11, 13

Holden Boat Works
2775 Riverside
Trenton
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Masters Boat Works
P. O. Box 97
Walloon Lake
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Si's Marine
Walloon Lake
1, 3, 4, 5, 6, 7, 10, 11, 12, 13

Play-More Sporting Goods Co.
32304 Michigan Ave.
Box 512
Wayne—3, 6, 8, 9, 13

Camp Mana-Pine
Box 41
Wellston—3, 6, 9, 10, 12, 13

The Skippers Landing
R. Rte. 2, Box 144
Whitehall
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Mellins Marina
653 Biddle Ave.
Wyandotte
1, 3, 4, 5, 6, 7, 8, 12, 13

E. Michigan Ave. Boat Sales
2753 E. Michigan Ave.
Ypsilanti—3, 6, 8, 13

MINNESOTA

Ullmans Sporting Goods
105 So. Main St.
Austin—3, 6, 8, 9, 10, 13

Waterbug Company
Bayport—2, 3, 13

Brainerd Marine Supply, Inc.
316 Washington St.
Brainerd—3, 4, 6, 8, 13

C. & C. Boat Works
Crosslake
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Minn. Boat Works, Inc.
Deephaven

Ole Lind Boat Works
109 E. Main St.
Detroit Lakes
2, 3, 6, 8, 9, 13

Bay View Boat Works
31st & Minn. Ave.
Duluth
1, 3, 4, 6, 7, 8, 10, 11, 13

George N. Henry
331 East Superior St.
Duluth—6, 13

Indian Point Boat Base
Foot of 73 Ave., W.
Duluth
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

1. Boat Yard (Storage & Repairs)
2. Boat Builder
3. Outboard Motor Boats
4. Inboard Motor Boats
5. Sailboats
6. Outboard Motors
7. Inboard Engines
8. Marine Hardware
9. Fishing Equipment
10. Gasoline & Oil
11. Dockside Fuel
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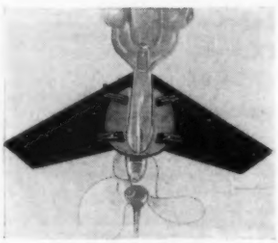

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Fits all motors of 15 H.P. and up except Mark 78. At Marinas or order direct adding state sales tax where it applies. Write for literature on this amazing device.

$9.95

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Easy to build and fly!

Towed by outboard, flies like water skiing in the air. Safe —can not stall. Model B-8 sold ready-made only. Model B-7 three-view drawings, plans and building kits available for home construction.

Model B-8

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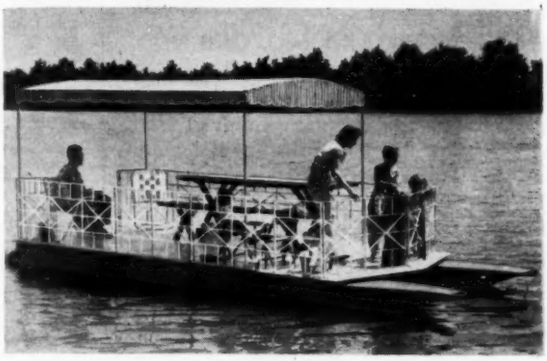
Name_____
Address_____

SEND $1 FOR 3-VIEW DRAWING, SPECS AND PHOTO

Play Sure Craft

THE ALL PURPOSE PLEASURE CRAFT with the famous PORPOISE NOSE PONTOON



Here's an innovation in pontoon design scientifically fabricated with marine hulls that ride the water with the ability and grace of the most expensive yachts. The parabolic shape plus *Porpoise* nose eliminates bowing, yawing, and flutter found in ordinary crafts. PLAY-SURE CRAFT alone offers complete, comfortable stability with added safety and economy.

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Yours For Only $44.50!

Model 5016 (6000-0-6000 RPM)—PRECISION-BUILT FOR MARINE ACCURACY! For dual-outboard motors. Tells at a glance if one motor is running faster and *how much faster!* Flick a switch to read rpm's of either motor.

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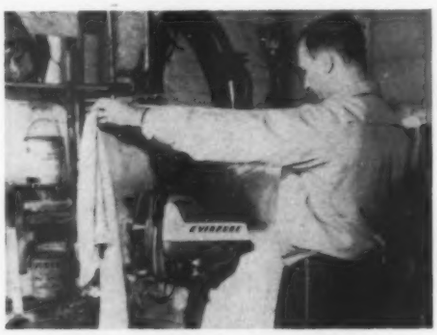
Marine Division — Buchanan, Michigan



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Quiet operation, electric starting and plenty of power are features of today's outboard motors. Many are equipped with generators that supply current for lights and other electrically operated accessories. Reliability in all power sizes in both electric and manual models has been vastly improved. Your marine dealer can advise you on the proper motor for your rig.— ⚓

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Duluth—4, 7, 8, 13
Outboard Boat & Motor Mart
1627 W. Superior St.
Duluth—3, 6, 8, 13
St. Germain Bros. Inc.
5 West First St.
Duluth—13
Bill Trygg Agency
P. O. Box 628
Ely—3, 6, 8, 9, 13
Tonka Bay Boat Works Inc.
Tonka Bay Rte. 2
Excelsior
1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13
Mahowald Co.
Fairmont—3, 6, 8, 9, 13
Mahowald Co.
Faribault—3, 6, 8, 9, 13
Midway Service Station
Grand Marais
3, 6, 9, 10, 13
Stanleys Repair Shop
1403 E. 41st St.
Hibbing—3, 6, 8, 10, 13
Hansens Harbor
Hgwy. 61—4 Miles No. of Lake City
Lake City
1, 3, 6, 7, 8, 10, 11, 12, 13
Smittys Outboard Service
308 So. Washington
Lake City
3, 6, 7, 8, 9, 10, 11, 13
Larson Boat Works Inc.
Little Falls—2, 3, 6, 8, 9, 13
Mahowald Co.
624-630 No. Front
Mankato—3, 6, 8, 9, 13
Seven-M-Company
Box 777
Mendota—3, 4, 6, 7, 8, 13
Aluma Craft Boat Co.
2633 27th Ave. So.
Minneapolis—2, 3, 13
Corries Sporting Gds.
820-822 Marquette Ave.
Minneapolis—3, 6, 9, 13
Gamble Skogmo Inc.
15 N. 8th St.
Minneapolis—3, 6, 8, 9, 13
Janney, Semple, Hill & Co.
22-26 S. 2nd St.
Minneapolis—3, 6, 8, 9, 13
Larsen Olson Co.
1210 Hennepin Ave.
Minneapolis
3, 6, 8, 9, 10, 13
Luger Marine Co.
3404 S. Lyndale Ave.
Minneapolis
3, 6, 7, 8, 10, 13
Taft Marine Woodcraft
636 39th Ave. N.E.
Minneapolis—3, 4, 8, 13
Dick Parks
Nisswa—3, 6, 8, 9, 13
Minn. Boat Works, Inc.
Orono
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Halverson Hardware & Furniture
Raymond—6, 9, 13
Red Wing Marine Corp.
1000-1028 Levee St.
Red Wing—2, 4, 7, 12, 13
Buds Sports Center
1500 1st Ave. N.E.
Rochester
1, 3, 6, 8, 9, 10, 11, 13
Dieter Marine Sales
407 2nd Ave. N.W.
Rochester—3, 4, 6, 7, 8, 13
O. & G. Marine Supply
407-409 No. Broadway
Rochester
3, 4, 5, 6, 8, 9, 10, 13
Burnside Marine Shop
199 E. 7th St.
St. Paul—3, 6, 8, 13
Len-Thole Boat & Marine Co.
783 University
St. Paul—3, 4, 6, 8, 9, 13
Midway Marine
75 No. Snelling Ave.
St. Paul—3, 6, 8, 13
Shimeks TV Sporting Goods
1646 Rice St.
St. Paul—3, 6, 9, 10, 13
Twin City Marine Co.
1935 Minn. River Rd.
Mendota, R.R. 1
St. Paul
1, 2, 6, 7, 8, 10, 11, 12, 13
Stillwater Marine
R.R. 5
Stillwater—2, 3, 5, 6, 8, 13
Aronson Boat Livery
Lake Vermilion
Tower
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Virginia Boat & Sport Distributors
205 5th Ave. So.
Virginia—3, 4, 6, 8, 9, 13
Wayside Sportshop
404 No. 6th Ave.
Virginia—3, 6, 8, 9, 13
Minn. Boat Works, Inc.
Wabasha
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Leech Lake Marine
Walker—3, 4, 6, 8, 10, 13
Minnetonka Boat Works Inc.
Box 549
Wayzata
1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13
Minn. Boat Works, Inc.
Wayzata
Lakeshore Marine Co.
300 So. Lake Ave.
Wht. Br. Lake
1, 3, 6, 8, 9, 12, 13

MONTANA

Morris Sporting Goods
219 Central
Great Falls—3, 4, 6, 8, 9, 13
Helen Hardware Co.
821 No. Main
Helena—8, 9, 13
The Sportsman
123 W. Spruce
Missoula
3, 4, 6, 7, 8, 9, 10, 13
Boettchers
Polson—6, 8, 9, 13
Ole Lee, Jr.
Lee Craft Boats
Flathead Lake
10, 11, 12, 13
Stan-Craft Corp.
Somers & Polson
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Don J. W. Tibbits
440 Baker Ave.
Whitefish—3, 6, 13

NEBRASKA

Gibsons
322 So. 9th St.
Lincoln—3, 6, 8, 10, 13
Landis Outboard Motor Co.
1204 1st Corso
Nebraska City—3, 6, 8, 13
Anderson Sales & Service
4901 L St.
Omaha—3, 6, 8, 10, 13
Canfield Outboard
2815 North 72nd St.
Omaha—3, 6, 8, 10, 13
Omaha Century Boat Sales
2912 Ames Ave.
Omaha
1, 3, 4, 6, 8, 10, 11, 12, 13
Ruffners City Lock & Gun Co.
314 So. 13th St.
Omaha—6, 8, 13
Harry Smith Marine Co.
2911 No. 16 St.
Omaha—3, 4, 5, 6, 8, 9, 13
Van Avery Sptg. Goods Co.
1512 Harney St.
Omaha—3, 5, 6, 9, 13

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Alton Bay
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Al's Boat Livery
Squam Lake
Ashland
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Kiak-Kanu Boat Co.
Pleasant St.
Conway—2, 12, 13
Coast and Country Marine
R. Rte. 3—6th St
Dover—3, 4, 6, 12, 13
Zimmermans
372 West St.
Keene—3, 5, 6, 8, 9, 10, 13
Irwin Marine
Lake Port
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Chas. H. Whittier Co.
Littleton—3, 6, 8, 9, 10, 13
Shep Browns Boat Basin
Meredith Neck
Meredith
1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Filleys Marine Mart
U. S. Rte. 1
North Hampton
3, 4, 6, 7, 8, 10, 13
Hampton Auto Electric
LaFayette Road
No. Hampton—3, 6, 8, 13
Beaupre Motor Sales
1 Knight St.
Rochester
3, 4, 6, 7, 8, 10, 13
Beaupre Marine
130 So. Main St.
Rochester
1, 3, 4, 5, 6, 7, 8, 10, 13
Osborne Marine
Sunapee
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Brad Bryant Marine
Weirs Beach
1, 3, 6, 8, 10, 11, 12, 13
Wadleighs Marine Service
P. O. Box 73
Winnisquam
3, 6, 8, 9, 10, 11, 12, 13
Winnipesaukee Motor Craft Co. Inc.
3 Miles No. on Rte. 109
Wolfefero
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Channel Marine Corp.
Channel Lane
The Weirs
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

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535 Carson Ave.
Atlantic City
1, 2, 4, 7, 8, 12, 13
Joseph Soltz Paint Store
2517-19 Atlantic
Atlantic City—13
Wescoats Marina
624 Carson Ave.
Atlantic City—10, 11, 12, 13
Siegfried Hardware Co.
117 First Ave.
Atlantic Highland—8, 9, 13
Shannon Outboard Motor Sales
White Horse Pike
Audubon—3, 6, 8, 10, 13
Shannon Outboard Motor Sales
Rte. 73 & Columbia
Fellowship—3, 6, 8, 13
Sewells Shop
125 East Bay St.
Barnegat—8, 13
Wm. B. Willensky & Son
457 Ave. C
Bayonne—13
Dale Yacht Basin
666 Lake Ave.
Bay Head
1, 3, 4, 5, 6, 7, 8, 10, 11 12, 13
H. H. Howe & Son
524 Center St.
Beach Haven—7, 8, 13
Southwicks Marina
32nd & Baltic Ave.
Beach Haven
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Belleville Marine
33 Washington Ave.
Belleville
3, 4, 6, 7, 8, 13
Pettit Paint Co. Inc.
507-519 Main St.
Belleville—13
Campbells Boat Works
1200 Bayview Ave.
Belmar
1, 2, 4, 7, 8, 10, 12, 13
Gunderson Catamaran Co.
Box 88
Belmar—2, 3, 5, 13
Carl W. Bush Co.
287 Bloomfield Ave.
Bloomfield—3, 6, 8, 13
Reichlins Marine
Rte. 130
Bordentown
3, 4, 6, 7, 8, 10, 13
Mill Marine
Rte. 46, Bridgeville
Belvidere—3, 6, 8, 9, 13
Woolleys Boat Basin
Ft. of Harris St.
Breton Woods
Bogans Brielle Basin
Brielle
3, 4, 6, 7, 8, 9, 12, 13
Zubers Seacoast Basin
712 Ashley Ave.
Brielle—1, 2, 9, 10, 11, 13
Charlies Boats & Motors
3301 Bayshore Ave.
Brigantine
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Mercury Boat Yard
East Pearl St.
Burlington
1, 3, 4, 6, 7, 8, 10, 11, 12, 13*
M. & E. Marine Supply Co.
Camden—3, 4, 5, 6, 7, 8, 13
Jimmies Marine Railway
Yacht & Washington Sts.
Cape May—1, 8, 13
McDuell Marine Service
Ocean Drive
Cape May
1, 6, 7, 8, 10, 11, 13
Tonys Marine Railways
State Hgwy. 9
Cape May—1, 2, 8, 9, 12, 13
Max L. Brown Hardware
47 Roosevelt Ave.
Carteret—13
M. & E. Marine Supply Co.
Collingswood
3, 4, 5, 6, 7, 8, 13
Dorchester Engineering Corp.
Front St.
Dorchester
1, 2, 4, 5, 7, 8, 10, 11, 12, 13
Stowman Shipbuilding
Front Street
Dorchester
2, 3, 4, 6, 7, 8, 10, 11, 12, 13
Beacon Marine Sales
92 Main St.
East Orange—3, 4, 6, 8, 13*
C. P. Leek & Sons Inc.
R.F.D. 2, Lower Bank
Eggharbor City—2, 4, 13
Edwards Outboard Motor
7 Second St.
Elizabeth—3, 6, 8, 13
Cruiser Sales Co.
137 Rte. 4
Englewood
3, 4, 5, 6, 7, 8, 13
Fair Haven Hardware
752 River Rd.
Fair Haven—8, 9, 13
Asbury Yacht Sales
Rte. 34, Collingwood Circle
Farmingdale
3, 4, 6, 7, 8, 12, 13
Barnacle Bills Basin
E. Lacey Rd.
Forked River
3, 6, 8, 9, 10, 11, 13
Harts Boat Yard
Bay Ave.
Forked River
1, 7, 8, 10, 11, 12, 13
Wilson's Marine
Rte. 4
Fort Lee
Greenwich Shipyard
Greenwich—1, 2, 4, 13
Bergen Boat Landing
Marine Sales & Service
380 River St.
Hackensack
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Jos. D. Needles
Box 312
Haddonfield—3, 4, 8, 13
Village Sport Shop
198 Main St.
Orange & Rte. 10
Hanover—3, 6, 8, 9, 13
Sportsman Boats & Motors
Greenwood Lake
Hewitt
1, 3, 6, 8, 9, 10, 11, 12, 13
G. V. Kadenbach Paint & Hardware
134 Bay Ave.
Highlands—8, 9, 13
Roxys Fishing Pier
18 Beach Blvd.
Highlands
1, 2, 4, 6, 7, 8, 9, 10, 11, 12, 13
Condenser Service & Engineering Co. Inc.
150 Observer Hgwy.
Hoboken—8, 13
Stokes Boat Works
Lake Drive
Island Heights
1, 8 10, 11, 12, 13
Jozak Bros.
302 Grand St.
Jersey City
2, 3, 4, 6, 7, 8, 13
Morris Basin Drydocks
Ft. of Henderson St.
Jersey City—1, 13
Rapps Boat Yard
701 Passaic Ave.
Arlington—1, 10, 11, 12, 13
Keasbey Shipyard Corp.
Crows Mill Rd.
Keasbey
1, 2, 6, 7, 8, 10, 11, 12, 13
B. J. Delaney
Boat Builder
Highway 35
Keyport—2, 7, 13
C. C. Galbraith & Son, Inc.
118 W. Front St.
Keyport—2, 3, 4, 6, 7, 8, 13
H. & S. Jersey Sea Skiff, Inc.
Route 35
Keyport
1, 3, 4, 6, 8, 9, 10, 13
Henry Dahmer Inc.
Keyport—8, 13
Kulas Boat Works
Hobart Ave.
Keyport—2, 7, 8, 13
Hockinjos Boat Div. of Lakeland Marine Base
Great Cove
Lake Hopatcong
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

1. Boat Yard (Storage & Repairs) **5. Sailboats** **8. Marine Hardware** **11. Dockside Fuel**
2. Boat Builder **6. Outboard Motors** **9. Fishing Equipment** **12. Dockside Mooring**
3. Outboard Motor Boats **7. Inboard Engines** **10. Gasoline & Oil** **13. Open All Year**
4. Inboard Motor Boats
***Authorized Sales Agent for POPULAR BOATING**

Do-It-Yourself PLASTIC LAMINATING

CARDS | LICENSES | PAPERS | $1.00

New, instant laminating plastic sheets will permanently preserve your important cards and papers. PLAIN-VU is 100% transparent; guaranteed not to discolor, harden or deteriorate. No machines, heat or glue is required. Fascinating new process cuts laminating costs as much as 75%.

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Favorite snapshots, clippings, ID's will never crack, tear, or wrinkle imbedded in crystal clear PLAIN-VU.

ORDER NOW

Jr. Kit—10 sheets (3"x4") only $1 postpaid. Jumbo Introductory Kit—10 sheets 3"x4", 6 sheets 6"x8", 2 sheets 10"x12" only $4.50 postpaid. Satisfaction guaranteed—from

NATCO COMPANY, Dept. PB-1, Alfred, Maine

"NAME-THE-SKI" CONTEST
at your local store

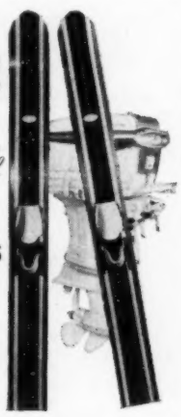
WIN FREE

THIS COMPLETE BOATING OUTFIT

just name these new *Aqua-Glide*
WATER SKIS
now color-matched to famous
Johnson OUTBOARD MOTORS
easy to win-- nothing to buy

Visit your dealer today to see this beautiful new eye-catching combination and to make the entry that can bring you these many prizes FREE!

+ 30 additional prizes



June 15th—Aug. 1st.

remember- enter now at your local **JOHNSON OUTBOARD MOTOR DEALERS**

MARI-GUIDE DIRECTION FINDER

DF 1029 A

Featuring the exclusive "NULDIKATOR" meter presentation. 3 band coverage . . . marine beacon, standard broadcast, marine telephone, time signals and weather. **$384.50**

COMMUNICATOR RADIO TELEPHONE

BRT 1025

Rugged, dependable Ship-to-Shore Telephone. 18 watts, 4 channels plus tunable broadcast receiver. Talk with other vessels or call Coast Guard in an emergency. With Crystals **$295.** Immediate delivery. Higher power models up to 11 channels available.

Brochures mailed on request. All prices F.O.B. New York
Write for name and address of dealer nearest you.

BLUDWORTH MARINE

Division of KEARFOTT COMPANY Inc. • 1500 Main Avenue, Clifton, N. J.

EVERY BOAT should have a BOTTLE...

of SEALER 900

Keep bottle handy for stopping all types of leaks. Great adhesion and flexibility.

Comes in Natural, Black, White and Mahogany.

"LAKERFILL"

For filling screw holes and glazing surfaces. Won't shrink, and sands smooth. Comes in 8 colors.

SEALER 800

Rubber Mastic. For wide seams and cracks. White and Mahogany. Also comes in Black (700).

See your dealer or write —

MARPROX PRODUCTS
MARINE PRODUCTS, INC.
Oshkosh, Wisconsin

FOR TIGHTNESS | FOR DURABILITY | FOR SPEED

KUHLS ELASTIC STICKS TO THE JOB

SEAM COMPOSITIONS
GLUES • CEMENTS
PRESERVATIVES

FOR A WATERTIGHT AND TRIM BOAT, MORE FISHING AND SAILING TIME AND LESS FIXING TIME.

- Canvas Preservative
- Firegard
- Seamlast
- Bedlast
- Seam Paint
- Canvas Cement
- "Avio" Aer-O-Nautic Liquid Marine Glue

KUHLS FULL LINE
Seam Composition
No. 1 for Decks No. 2 for Hulls

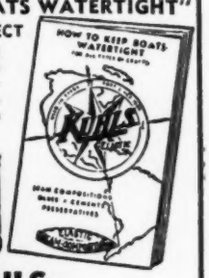
- Trowelast
- Linolast
- 3-Way Preservative
- Brushlast
- Patchlast
- Double Plank Cement
- Sealtite
- Woodtex (Wood Plastic)
- Woodtex (Surfacer)
- Rub-R-Tex

Our Latest Booklet "HOW TO KEEP BOATS WATERTIGHT"

IT'S FREE at your DEALERS or WRITE DIRECT

Contains our Famous COMPOSITE BOAT CHART showing which one of our products to use, and where for best results, it also illustrates and describes our 19 Great Elastic Marine Products.

Ask Your Dealer About the NEW! KUHLS Products



H. B. FRED KUHLS

SEAM COMPOSITIONS – GLUES – CEMENT – PRESERVATIVES,
65th Street & 3rd Avenue, Brooklyn 20, New York

FIBERGLASS FAVORITES...

16' REBEL

A delight to sail . . . a thrill to race. Leak- and rot-proof. Weighs two-thirds as much as conventional wooden hull; easily trailers for week-end trips. Ideal for family use. Unusual stability, roomy, low maintenance.

10' VIXEN

Ideal sailing dinghy for beginners, junior training and team racing. Cat or sloop rigged.

15' SNIPE

Complete boats or components for conversion of an older boat. An established favorite.

12' NIPPER

Popular demand keeps this versatile cat rigged PLYWOOD boat in production. 100 sq. ft. sail area.

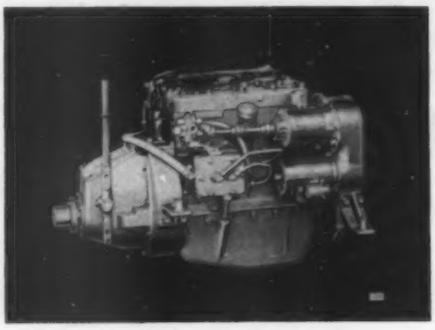
NEW HORIZONS

Exciting new Sparkman & Stephens design. 26' low upkeep auxiliary for day sailing, cruising, racing.

WRITE FOR LITERATURE OR LOCAL DEALER'S NAME

RAY GREENE & CO.

Pioneer in Fiberglass Construction
502 S. Byrne Road
Toledo 9, Ohio



7. INBOARD ENGINES

Increased efficiency and lighter weight are features of the new inboard engines in both gasoline and diesel types. New drive arrangements make it possible to install engines further aft, improving hull planing characteristics and making more cockpit room available. Your authorized engine dealer can help you select the proper power plant for your boat.— J.

Lakeland Marine Base Inc.
Nolans Pt.
Lake Hopatcong
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Prospect Pt. Boat Yd.
N. J. Ave. Dock
Lake Hopatcong
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Bay Point Marine
Lavallette
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Campbells Boat Basin
2300 Bay Blvd.
Lavallette
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Charles Hankins & Sons
Grand Central Ave.
Lavallette
2, 3, 4, 6, 7, 8, 13

Delaware Bay Shipbuilding Co.
Leesburg—1, 2, 8, 13

Dawson Marine & Supply Center
Rte. 46
Ledgewood
3, 6, 8, 9, 10, 13

Siddons and Sindle
Marietta Street
Little Falls—2, 5, 13

Eastman Boat Works
Ft. Industrial Ave.
Little Ferry
1, 7, 8, 10, 11, 12, 13

Eastman Boat Works
Ft. Industrial Ave.
Little Ferry
1, 4, 7, 8, 10, 11, 12, 13

Van Winkle Marine
Gooseneck Pt. Box 48
Little Silver—4, 7, 8, 13

Seaman Sea Skiff Works
491 Atlantic Ave.
Long Branch
1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13

H. J. Wilson—Boat Works
479-81 Atlantic Ave.
Long Branch
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

H. J. Wilson Boat Works
479-81 Atlantic Ave.
Long Branch
1, 2, 3, 4, 5, 6, 8, 10, 11, 12, 13

Herms Boatmans Shop
531 Ridge Road
Lyndhurst
3, 4, 5, 6, 7, 8, 13

Lyndhurst Marine
221 Riverside Ave.
Lyndhurst
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Winter Yacht Basin, Inc.
Box 225 Mantoloking Bdg.
Mantoloking
1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Hops Service Center
8-24 Franklin Tpke.
Mahwah—3, 6, 10, 13

Stiles Boat Works
Linden Ave.
Mantua Hghts.
3, 6, 8, 10, 13

Butler M.
Manasquan—13

The Manville Center
106 So. Main St.
Manville—13

May Craft
River Road
Mays Landing—2, 4, 13

Hunters Dock
Matts Landing
9, 10, 11, 12, 13

Johnson & Towers, Inc.
Rte. 38, Cherry Hill
P. O. Box 27
Maple Shade
3, 4, 6, 7, 8, 13

George H. Miller & Co.
621 Bound Brook Rd.
Middlesex—3, 5, 6, 7, 8, 13

Cedar Cove Tackle Shop
Riva Ave.
Farrington Lake
Box 151
Milltown—3, 5, 6, 9, 10, 13

Hand & Avis Motors
1111 So. 2 St.
Millville—3, 6, 8, 10, 13

Hucks Place
1110 So. 2nd St.
Millville
3, 4, 6, 7, 8, 9, 10, 12, 13

Koch Paint & Wallpaper Co.
8 W. Main St.
Millville—13

Spring Garden Boat Works
Spring Garden Road
Millville, Rd 2—1, 2, 8, 13

Zubacks Boat & Motor Works
Hi-Way 35
Morgan
1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13

Barnes Bros. Marine Base
14 Windermere Ave.
Mt. Arlington
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Campbells Boat Works
Boston Rd. & Riverview Ave.
Neptune City
1, 2, 4, 7, 8, 10, 12, 13

Dodds Marine Basin
Route 35
Shark River Islands
Neptune—10, 11, 12, 13

W. Berman & Co.
19 Hiram St.
New Brunswick—13

Miles F. Gandy
Gandys Beach
Newport
3, 6, 8, 9, 10, 12, 13

Chas. A. Fischer & Sons
523-525 Ferry St.
Newark—8, 13

Lehman Mfg. Co.
972 Broad St.
Newark—7, 13

George H. Miller
495 McCarter Hgwy.
Newark—13

Newark Specialty Co.
20 Prince St.
Newark—9, 13

Sid-Craft Boats
Player Ave. & U.S. 1
Nixon—2, 3, 6, 8, 11

Vans Boats, Inc.
U.S. Hgwy. 1 & Oakland Ave.
Nixon
3, 4, 6, 7, 8, 9, 10, 13

Sportsmans Dock, Inc.
20th & The Bay
North Beach Haven
1, 2, 4, 7, 8, 9, 10, 11, 12, 13

Hooymans Marine Center
State Highway 35
Normandy Beach
3, 6, 8, 9, 13*

Carls Boat Sales
7724 Tormelle Ave.
North Bergen
3, 4, 5, 6, 7, 8, 10, 13

Rendall Lumber Marine Paint & Hardware
4116 Tonnelle Ave.
North Bergen—8, 10, 13*

Vansen Boats, Inc.
Rte. 22 & Jefferson Ave.
North Plainfield
3, 4, 5, 6, 7, 8, 13

T. Brodesser
330 W. Spruce Ave.
North Wildwood
1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Nutley Outboard & Marine Center
80-A Centre St.

Lemonts
308 Bay Ave.
Ocean City—8, 9, 10, 11, 13*

Mays Boat Yard & Basin
12th St. & Bay Front
Ocean City
Nutley—3, 6, 8, 13
1, 7, 8, 9, 10, 11, 12, 13

Ocean City Marine
616 Pleasure Ave.
Ocean City
1, 3, 6, 8, 9, 10, 11, 12, 13

Tonys Marine Service
11th St. & Bay Front
Ocean City
1, 3, 4, 7, 8, 12, 13

Baywood Hardware Co.
Drum Point Rd.
Osbornville—9, 13

Broadway Basin Inc.
Pt. Pleasant Beach—9, 13

Comstock Boat Works
Star Route
Point Pleasant
1, 2, 4, 7, 8, 10, 11, 12, 13

Forsbergs Boat Works Inc.
Beaver Dam Rd.
Pt. Pleasant
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Johnson Bros. Boat Works
Foot of Bay Ave.
Pt. Pleasant
1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13

N. J. Yacht Sales Corp.
Rte. 35 & Manasquan River
Pt. Pleasant Beach
3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Point Anchorage Boat Basin
110 Riverside Pl.
Pt. Pleasant Beach
4, 8, 9, 10, 11, 12, 13

Pt. Pleasant Hardware Co.
528 Arnold Ave.
Pt. Pleasant—8, 9, 13

Ship Chandlers Inc.
601 Bay Ave.
Pt. Pleasant Beach—8, 9, 13

Stewarts Marine Mart
Beaver Dam Rd. & Glenwood Dr.
Pt. Pleasant
3, 4, 6, 8, 10, 11, 12, 13

The Village Sport Shop
198 Bain St.
Orange—3, 5, 6, 8, 9, 13*

Palisades Marine Corp.
407 Broad Avenue
Palisades Pk.
3, 5, 6, 8, 10, 13

Buona-Marine Sales
174 Route 17
Paramus
1, 3, 4, 5, 6, 7, 8, 13

Jasky Bros. Marine Supplies Inc.
391 Crooks Ave.
Paterson—3, 6, 8, 10, 13

Lew Schwartz
18 N. Main St.
Paterson—13

Riverview Marine
Foot of Ferry Road
Pennsville
1, 4, 6, 7, 8, 9, 10, 11, 12, 13*

Panter Boat Sales
350 Maple St.
Perth Amboy—3, 4, 5, 7, 13

Solasky Marine Sales
329 Smith St.
Perth Amboy
3, 6, 8, 9, 10, 13

Troth Boats
Cedar Swamp Creek
Petersburg
1, 2, 4, 5, 7, 8, 12, 13

Plainfield Marine Sales
1147 W. Front St.
Plainfield
3, 4, 6, 7, 8, 10, 13*

Wana-Q Hardware
198 Wanaque Ave.
Pompton Lakes—13

Boatmans Shop
24 Wharf Ave.
Red Bank—3, 6, 8, 13

William A. Fluhr
P. O. Box 47
Red Bank—10, 13

H. O. Mayer
Box 329 A
Red Bank—3, 4, 8, 13

Olsen Boat Works
70 Commonwealth Ave.
Red Bank—1, 2, 5, 8, 13

Dredge Harbor
St. Mihiel Drive
Riverside
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Riverside Marina
Norman Ave.
Riverside
1, 3, 4, 6, 8, 10, 11, 12, 13

Rumson Boat & Sport Shop
93 East River Road
Rumson—3, 6, 8, 9, 10, 13

Pauls Hobby & Sport Shop
306 Union Ave.
Rutherford
3, 5, 6, 8, 9, 10, 13

Jasky Bros. Marine Supplies Inc.
Outboard Service Dept.
507 Market St.
Saddle Brook
3, 6, 8, 10, 13

Longs Boat Yard*
Front St. at Bridge
Salem—1, 8, 10, 11, 12, 13

Lores Boat Marina
Salem—1, 8, 10, 11, 12, 13

Bowcraft Sport Shop and Playland
Route 22
Scotch Plains
3, 5, 6, 8, 9, 13

Ed. H. Dever & Sons Inc.
44th & Venicean Road
Sea Island City
1, 3, 6, 7, 8, 9, 10, 11, 12, 13

Sea Bright Boat Shop*
1132 Ocean Ave.
Sea Bright

Zobels Sea Skiff & Yacht Works
700 Ocean Avenue
Sea Bright
1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13

Conrad Lumber Co. Inc.
Ship Bottom—8, 13

Long Beach Marine
8th Street Causeway
Ship Bottom
3, 4, 6, 8, 9, 10, 13

Harbor Marine Inc.
611 Bay Ave.
Somers Pt.
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Hoffman Boat Yard
Bass Harbor
Somers Pt.
1, 3, 4, 7, 8, 10, 11, 12, 13

Howard Haines Boat Yard
End of Broadway
Somers Pt.
1, 3, 4, 6, 7, 8, 12, 13

Tidewater Marine Co.
Decatur Ave. & Bay
Somers Point
1, 3, 4, 6, 8, 9, 10, 11, 12, 13

Lockwood Boat Works
Highway 35
South Amboy
1, 3, 4, 6, 8, 10, 11, 13

Hasso Industries Inc.
S. Hackensack—3, 13

Guyons Marina
83rd & 3rd Ave.
Stone Harbor
1, 3, 4, 5, 6, 7, 8, 10, 11, 13

Larrys Cycle & Sport Shop
397 Broad St.
Summit—3, 6, 9, 10, 13

Summit Sport & Toy Center
357 Springfield Ave.
Summit—6, 9, 13

Lawrence Hardware Co.
53 Main St.
Sussex—3, 9, 13

Abbotts Marine Service
Route 29
Titusville—3, 6, 8, 10, 13

Silverton Boat & Engine Works
120 Kettle Creek Rd.
Toms River P. O.
Silverton
2, 4, 8, 10, 11, 12, 13

Berrys Store
3 Water St.
Toms River—8, 13

Clayton Skiffs, Inc.
1220 Fischer Blvd.
Toms River
2, 4, 7, 8, 10, 11 12, 13

Hotalings Boat Yards
Atlantic City Blvd.
Toms River
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Keels and Wheels
Fischer Blvd.
Windsor Park
Toms River
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Crowleys Yacht Basin and Marine Railway
Tuckerton Creek
Tuckerton
1, 2, 4, 7, 8, 12, 13

Capital Sporting Good
923 N. Olden Ave.
Trenton—3, 6, 8, 9, 13

Levys Hardware
702 S. Broad St.
Trenton—6, 8, 9, 13

Marine Sales & Service
532 Miller Ave.
Trenton—3, 4, 7, 8, 13

Mayham & Silvers, Inc.
15 N. Warren St.
Trenton—3, 6, 8, 9, 13

Carvis Boat & Marine, Inc.
236 N. Derby Ave.
Ventnor
1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

C. Mulford Scull Co.
5808 Edgewater Ave.
Ventnor
3, 6, 8, 9, 10, 11, 12, 13

Woolbert T. Cramer & Son, Remarc Boats
243 S. Green St.
Tuckerton—2, 3, 4, 7, 13

Sport Spot
Delsea Dr. & Sherman
Vineland
1, 3, 4, 6, 7, 8, 9, 10, 13

Kowal Marine
60 Main Ave.
Wallington—3, 6, 8, 10, 13

Liberty Harbor Yacht Basin
Washington St.
Waretown
1, 8, 9, 10, 11, 12, 13

Zimmers Sands Point Boat Basin
Oak St., Sands Point Harbor
Waretown
1, 2, 4, 7, 8, 10, 11, 12, 13

Walts Outboard Motors
19 Atlantic Ave.
Watsontown—3, 6, 8, 9, 13

Garden State Boats
307 Haddon Ave.
Westmont—3, 4, 6, 8, 10, 13

Tips Hardware
N. Y. Hgwy. & Dock Rd.
West Creek—8, 13

Smith Marine Center
115 New St.
Westfield
3, 4, 6, 7, 8, 10, 13

1. Boat Yard (Storage & Repairs)
2. Boat Builder
3. Outboard Motor Boats
4. Inboard Motor Boats
5. Sailboats
6. Outboard Motors
7. Inboard Engines
8. Marine Hardware
9. Fishing Equipment
10. Gasoline & Oil
11. Dockside Fuel
12. Dockside Mooring
13. Open All Year

*Authorized Sales Agent for POPULAR BOATING

how to:

CHOOSE A TRAILER

By Bob Whittier

MODERN trailers have brought the fun of boating to thousands of people living too far from the water to keep a boat at a regular mooring, and have opened new horizons for those boatmen who have grown tired of going in circles on their local waters. A trailer vastly increases the recreational potentialities of a small boat, whether outboard or inboard. Yet it is just very recently that boat trailering has achieved any degree of popularity.

It may come as a surprise to many enthusiastic boatmen to learn that the first commercially-produced boat trailer was put on the market only 16 years ago. Until then, what passed for boat trailers had been heavy, awkward home-made rigs. As recently as 1947 annual production of trailers was only

(*continued on page* 87)

Standard trailer, less expensive than tilt-bed models, is excellent where car can be backed down to water's edge to unload the boat.

Just one glance and you know . . .

it's a Glastron

Outboard style at its best! Here is Glastron's 15-foot FIREflite*, speedy deluxe runabout that's turning heads from coast to coast!

Glastron's 17-foot SEAflite*, below, is designed for inland and coastal waters, recently completed a 2600 mile non-stop Texas-New York trip. Stylish fiberglass hardtop is optional, can be attached in minutes.

Racy fins, sleek hulls with chrome paneling, distinctive spray-proof bows there's no mistaking these '58 fiberglass outboards they're Glastrons!

Why be old-fashioned when performance comes in such beautiful packages? Glastron sets the style in outboards. If you are used to being first, why not see your Glastron dealer today!

FIREflite* with new Glastron self-ventilating fiberglass hardtop for 15-foot boats. Liteweight canopy is attached or removed in minutes.

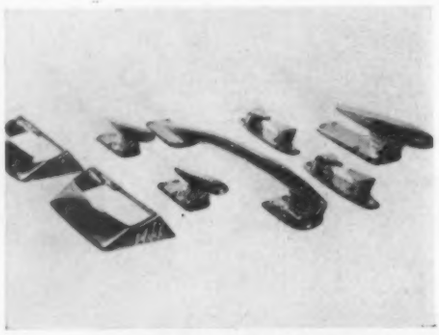
*Pat. Pending

SURFflite* — This 15-foot Glastron is designed for skiing and utility use. The SURFflite has long rear side seats, plenty of storage space, trailers easily!

SKIflite*—Versatile fourteen and one-half foot speedster designed for those who want an all-around sports model.

Glastron®

STANDARD GLASS PRODUCTS INC.
P. O. BOX 9211 • AUSTIN, TEXAS



8. MARINE HARDWARE

Newest advance in the manufacture of deck hardware, fittings and miscellaneous accessories is the use of synthetic materials which are durable and non-corrosive. Rope of nylon or Dacron is increasingly popular, and fiberglass, aluminum and stainless steel are rivalling brass and chrome plated brass for fittings and accessories. Your marine dealer carries a complete selection.— ⚓

Al's Marine Railway
700 Montgomery Ave.
Wildwood
1, 8, 10, 11, 12, 13

S. Jersey Marine Inc.
401 W. Rio Grande Ave.
Wildwood
3, 4, 5, 6, 7, 8, 9, 13

NEW YORK

Color Harmony Inc.
11 Central Ave.
Albany—13

Stoneman's
416 B'way. at State
Albany—8, 13

Tri-City Yacht Club
146 Sheridan Ave.
Albany—13

Whirchone Inc.
1300 Broadway
Albany
3, 4, 5, 6, 7, 8, 10, 13

Glenn E. Furness & Hutchinsons Boat Works
Crossmon & Bethun
Alexandria Bay
1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Hutchinsons Boat Works Inc.
Alexandria Bay
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Rogers Texaco Marina
14 Bethune St.
Alexandria Bay
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Vans Motor Marine
Sisson St.
Alexandria Bay
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Beckers Boatworks
203 So. Ketcham Ave.
Amityville
1, 2, 4, 7, 8, 13

Bradley Lumber Corp.
11 Broadway
Amityville—8, 13

Jims Boatyard
144 Ocean Ave.
Amityville
1, 2, 4, 5, 7, 8, 12, 13

Harry Kegris
Marine Service
77 Bayside Pl.
Amityville—8, 13

Paul Ketcham
62 New Point Pl.
Amityville—1, 2, 13

Long Island Boat & Motor Sales
Sunrise Hgwy.
Amityville
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Ocean Ave. Boatyard
152 Ocean Ave.
Amityville
1, 3, 4, 5, 6, 7, 8, 10, 12, 13

Robertson Shipyard
263 So. Bayview Ave.
Amityville—1, 2, 4, 7, 8, 13

Sumner Boat Co. Inc.
334 So. Bayview Ave.
Amityville—2, 4, 13

Katsur & Ungerer
Main & Park St.
Arkport
3, 4, 5, 6, 7, 8, 13

Channel Drive Boat Yard
Ft. 59th St.
Beach Channel Drive
Arverne
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Tappen & Sons Boat Yard
18 South Water St.
Athens
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Lewis E. Springer, Inc.
54 Water Street
Auburn
3, 4, 6, 7, 8, 10, 13

Whitings Wall Paper & Paints
31 E. Genesee St.
Auburn—13

Cedar Lane Boat Yard
156 Cedar Lane
Babylon
1, 7, 8, 10, 11, 12, 13

Pat Valley Marine Sales Inc.
845 Sunrise Hgwy.
Babylon—3, 6, 8, 13

C. P. Ryttenberg
P. O. Box 72
Babylon—8, 13

Watts & DeCarmo
Ship Yard
443 Fire Island
Babylon
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Baldwin Harbor Boat Yard Inc.
Eastern Blvd.
Baldwin
1, 3, 4, 6, 7, 8, 12, 13

East Coast Marine Products Co.
45 N. Grand Ave.
Baldwin—13

Rainbow Harbor
Hayes Rd.
Baldwinsville
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

George H. Schuler
27-29 Church St.
Baldwin—13

Vogts Boatyard
3 Hastings Circle
On Milburn Creek
Baldwin
1, 5, 6, 7, 8, 12, 13

Yarrolls Marine Service
1130 Jefferson St.
Baldwin
1, 4, 7, 8, 10, 11, 12, 13

Bayside Public Dock
Ft. of 28th Ave. & Belt Pkwy.
Bayside—8, 10, 11, 12, 13

A. Kraus and Son
43-23 Bell Blvd.
Bayside—13

The Trading Post
W. Main, Rte. 5
Batavia—3, 6, 8, 9, 10, 13

Dutchess Marine Co.
Rte. 9D
Beacon—3, 4, 6, 8, 13

Carlson Boatworks
10 Public Hgwy.
Bellmore
1, 2, 10, 11, 12, 13

Jewells Marine Sales
472 Court St.
Binghamton
3, 4, 6, 8, 9, 13

Thunderbird Marine Center*
1029 Front St.
Binghamton
1, 3, 4, 5, 6, 7, 8, 13

Lamb Bros., Inc.
Main St.
Bolton Landing
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Lake George Camping Equipment Co.
No. Main St.
Bolton Landing
3, 6, 9, 10, 11, 12, 13

Fleets on Lake Lamoka
Bradford
3, 6, 8, 9, 10, 11, 12, 13

F. R. Smith & Sons Inc.
Bolton Landing
1, 3, 4, 6, 7, 8, 9, 10, 11, 13

August H. W. Colberg & Co.
812-14 Cross Bay Blvd.
Broad Channel—8, 13

Abino Marine Spec.
321 Hedstrom Dr.
Buffalo—8, 13

Arrow Tank Co. Inc.
16 Barnett St.
Buffalo—13

Buffalo Marine Mart
1700 Niagara St.
Buffalo
3, 4, 6, 7, 8, 10, 11, 12, 13

Division Tire-Auto Parts Inc.
572 S. Division St.
Buffalo—3, 6, 8, 13

E. J. Doyle Paint Co.
992 Main St.
Buffalo—13

Industrial & Marine Equipment Company
259 Delaware Ave.
Buffalo—7, 8, 13

Jafco
2192 Niagara St.
Buffalo
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Lords Canada Lake Store
Caroga-Pine Lake Rd.
Canada Lake
9, 10, 11, 12, 13

Sliter Marine Service
Fulton County
Canada Lake
1, 3, 4, 5, 6, 8, 12, 13

Sealy's Boats Motors
451 E. Lake Rd.
Cananduiga Lake
3, 6, 8, 9, 10, 11, 13

Catskill Marine Center
West Main St.
Catskill
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Goldsmith Boat Yard
Canal & Crosby St.
Center Moriches
1, 3, 6, 7, 8, 10, 11, 12, 13

Lakewood Sales Inc.
Holiday Harbor
Celoron
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Pendzick Boat Yard
Union Ave., Senix Creek
Center Moriches—1, 10, 13

Emmons
Rte. 1, Box 54
Central Square—2, 5, 13

Geo. W. Mercier Inc.
Clayton
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Boats Incorporated
Chaumont
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Gerbers Boat Works
689 Manneford Ave.
City Island
1, 2, 5, 8, 12, 13

Island Outboard Supply Co.
515 City Island Ave.
City Island
1, 3, 4, 6, 7, 8, 13

Frederick H. Boden
15 Meadow Lane
Chappaqua—1, 2, 5, 8, 13

Scott M. Henderson Inc.
Cleverdale
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Frederick H. Boden
15 Meadow Lane
Chappaqua—2, 5, 13

Le Mays Marine Supplies
67 Mohawk St.
Cohoes—6, 8, 9, 13

H. & M. Powles
Rte. 25A
Cold Spring Harbor
3, 6, 8, 9, 10, 11, 13

Boatland Inc.
720 Merrick Rd.
Copiague—3, 4, 6, 8, 13

Duerrs Boat Yard
95 Schmeelk Place
Copiague
1, 7, 8, 10, 11, 12, 13

R. J. Kaiser Co. Raveau-Yankee
100 Lambert Ave.
Copiague—2, 3, 4, 13

Strong Holland Co. Inc.
1060 Merrick Rd.
Copiague
1, 3, 4, 6, 8, 10, 11, 12, 13

A. & H. Marine Service Inc.
14-34 110 St.
College Point
1, 4, 7, 8, 10, 11, 12, 13

College Point Yacht Club
Ft. of 127 St.
College Point—1, 10, 11, 13

Kleins Boat Yard
110-28 15 Ave.
College Point
1, 2, 3, 4, 6, 7, 8, 13

Pennant Class Sloops Inc.
5-14 115 St.
College Point—5, 13

Sound Ship Building Corp.
123-45 Lax Ave.
College Point—1, 2, 11, 13

Boatmens Harbor
Fleets Neck
Cutchogue
3, 6, 8, 9, 10, 11, 12, 13

L. S. Aero. Marine Inc.
Bemus Point
Chautauqua Lake
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Petrie Bros. Boat Sales
26 Main
Dolgeville
3, 4, 5, 6, 8, 10, 13

Ames Hardware
40-41 Main Ave.
Douglaston—13

Mainstone Boat Yard
Three Mile Harbor
East Hampton
1, 7, 8, 10, 11, 12, 13

The Mariners Mart
Three Mile Harbor
East Hampton
9, 10, 11, 12, 13

Shagwong Marina
Three Mile Harbor
East Hampton
10, 11, 12, 13

Jim Taylors Marina
Three Mile Harbor Rd.
East Hampton
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Aldrich Boat Yard
East Quogue
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Campbells Outboard Inc.
Ocean Ave. & Main St.
East Rockaway
1, 3, 6, 8, 12, 13

Davisons Boat Yard Inc.
5 Atlantic Ave.
East Rockaway
1, 3, 6, 7, 8, 10, 11, 12, 13

Peterson Marine Service
76 Front St.
East Rockaway
1, 3, 4, 6, 8, 10, 11, 12, 13

Oneills Boat Yard
84 Front St.
East Rockaway
1, 3, 6, 8, 10, 12, 13

W. H. Peters Marine
3019 21 Lake St.
Elmira—1, 3, 4, 6, 8, 10, 13

Southside Arms Co.
404 Luce Street
Elmira—3, 6, 8, 9, 13

Geo. W. Bart & Son
3103-5-7 E. Main St.
Endwell—3, 4, 6, 7, 8, 9, 13

Jim Dunlap
Setauket Harbor Boat Basin
Shore Rd.
East Setauket—1, 8, 9, 10, 13

Lyon Bros. & Sons Inc.
Main St. & Shore Rd.
East Setauket
1, 3, 4, 5, 6, 7, 8, 9, 10, 13

Wide Water Marine Mart Inc.*
Erie Blvd. E.
E. Syracuse
3, 4, 5, 6, 7, 8, 10, 13

Essex Marine Base Inc.
On Lake Champlain
Essex
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Eddies Marine Service Corp.
Beach 2nd St.
Far Rockaway
1, 3, 4, 6, 7, 8, 9, 12, 13

Flushing Marine Sports Center
56-01 Main St.
Flushing—3, 6, 8, 10, 13

Fort Montgomery Marine
Mine & Dock Rds.
Fort Montgomery
1, 3, 4, 8, 10, 11, 12, 13

Atlantic Marine
11 Hudson Ave.
Freeport
3, 4, 6, 8, 10, 11, 12, 13

Champion Sailmakers
380 Woodcleft Ave.
Freeport—12, 13

Chatfields Marine
Ft. of Gordon Pl.
Hudson Point
Freeport
1, 4, 7, 8, 10, 11, 12, 13

Freeport Cold Storage Co.
301 Woodcleft Ave.
Freeport—9, 10, 12, 13

Al Grovers Marine Base Inc.
195 Woodcleft Ave.
Freeport
3, 4, 6, 8, 10, 11, 12, 13

Porthole Marine
102 Woodcleft Ave.
Freeport
3, 4, 6, 8, 9, 10, 13

South End Marine
6 South End Place
Freeport—1, 10, 11, 12, 13

D. W. Sylvester Co.
54 South Grove St.
Freeport—13

Woodcleft Marine Base, Inc.
37 Richmond St.
Freeport
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Glen Cove Yacht Service & Repair Inc.
88 Shore Rd.
Glen Cove
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Holcombe Marine
East River Rd.
Edgewater
Grand Island
1, 3, 4, 6, 7, 8, 11, 12, 13

South Side Hardware Company Inc.
4034-6 Hylan Blvd.
Great Kills—8, 9, 13

Brighams Ship Yards Inc.
201 Carpenter St.
Greenport—1, 2, 7, 8, 13

Wm. J. Mills & Co.
125 Main St.
Greenport

S. T. Preston & Son
104 Main St.
Greenport
3, 4, 6, 8, 9, 12, 13

Washington Whites Son
120 Main St.
Greenport—8, 9, 13

Shore Marine Mart
49 New York Ave.
Halesite—3, 6, 8, 9, 13

Fredericks Marine
Box 55, Rte. 17A
Greenwood Lake
1, 3, 6, 8, 11, 12, 13

Greenwood Chris Craft Sales
Jersey Ave.
Greenwood Lake
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Bradleys Rowboat Station & Marina
Canoe Place Rd.
Hampton Bays
2, 3, 6, 8, 9, 10, 12, 13

Hampton Hardware
Montauk Hgwy.
Hampton Bays—8, 13

1. Boat Yard (Storage & Repairs)
2. Boat Builder
3. Outboard Motor Boats
4. Inboard Motor Boats
5. Sailboats
6. Outboard Motors
7. Inboard Engines
8. Marine Hardware
9. Fishing Equipment
10. Gasoline & Oil
11. Dockside Fuel
12. Dockside Mooring
13. Open All Year

*Authorized Sales Agent for POPULAR BOATING

TRAILER

(*continued from page* 85)

3,790 trailers, as compared to 129,000 in 1955!

Technical improvements have come along so rapidly that it is often hard to realize how easy launching and hauling out actually is with the latest and best equipment. Many people still remember seeing men struggling to get their craft onto and off of home made equipment, and they cling to the notion that trailer operation is a back-breaking job.

By means of cleverly-designed rollers, winches and tilting booms, the operations of launching and hauling out have been made simple and easy. The boat rolls right off into the water, and reduction-gearing in the winch takes physical exertion out of the job of hauling even heavy runabouts onto the trailer.

Most trailer manufacturers offer several models which vary not only in load capacity but also in price, as determined by such things as optional hub caps, winches, fenders, hull and transom supports, and various other devices. You can buy a stripped-down utility model which will serve nicely for a small, light boat for under $100, or you can have the same basic trailer with equipment better suited to managing a heavy craft with motor.

Tilt bed frame is ideal where boat must be launched from a high bank. Winches on both types take the work out of handling even heavy rigs.

Obviously, a trailer must be long enough to fit the boat it is to carry. It will pay to find out just what the catalog may mean when it says a trailer will hold boats "up to 14 feet," or whatever the length may be. A boat 14½ feet long will quite probably fit onto it all right and the six inches overhang won't matter in some cases. But should you intend to carry the outboard motor in place on the boat's transom, it is essential that the trailer support the transom adequately.

As to weight capacity, at first thought a trailer advertised as having a capacity of 500 pounds will be just right for a rig weighing, say, 485 pounds. This means, however, that the trailer will be running at its maximum load for its whole life. Trailer experts agree that if the load approaches within 100

(*continued on page* 89)

Streamlined Freedom in Safety Yellow

PLASTIMAYD®

IBSEN

Aqua-Belt

TM Pat. Pend.

COMFORTABLE, SNUG FITTING
EASY TO ADJUST AND INFLATE

For complete comfort in any water sport — America's original low priced aqua-belt. One piece Super-Weld*—two separate air chambers —new tapered ends.

Small, Medium, Large. (Extra small children's) One Year Warranty

$2.95 LIST

IBSEN

Aqua-Suit

For complete water sport protection—a 2-piece, lightweight slipover suit with adjustable elastic neck and waist. Adult, children's sizes.

PLASTIMAYD

PRODUCTS CORPORATION

931 S. E. 6th Avenue • Portland 14, Oregon

Made of Bakelite KRENE

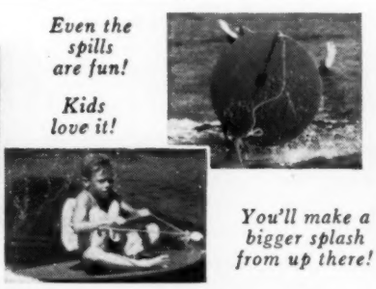
*TM

MFR. RAINWEAR • AIR MATTRESSES • SPORT AND UTILITY GOODS

Fun just sitting!

Even the spills are fun!

Kids love it!



You'll make a bigger splash from up there!

BIG THRILLS WITH SMALL MOTORS

7½-10-15 H.P. MOTORS ARE ALL YOU NEED FOR A THRILL-FILLED RIDE ON A WHITE BEAR

FLY-N-SAUCER

THE BEST MOLDED DISH-SHAPED SAUCER . . EASIER RIDING - PULLING

The WHITE BEAR FLY-N-SAUCER is made of top grade veneers molded into a shallow dish-shape . . . it pulls faster . . . is easier to ride, (less dipping). Recommended towing speed is from 16 to 22 M.P.H. Get a *fly-n-saucer* and get all the fun out of your outboard. The 36 in. *fly-n-saucer* retails for..... $27.95

SEE YOUR DEALER

or write DEPT. PB

WHITE BEAR WATER SKI COMPANY

WHITE BEAR LAKE 10, MINNESOTA

9. FISHING EQUIPMENT

Whether it's the exciting game of sport fishing or a leisurely afternoon with the family after bottom fish,—fishing is part of the fun of boating. Professionals along the waterfront can tell you what is running and where. Marine hardware shops can fit you out with the proper tackle for your angling requirements. — ⚓

Moores Boat Livery
666 West Lake Rd.
Hammondsport
3, 6, 9, 10, 11, 12, 13

Phelps and Cornell
Henderson Harbor
1, 2, 3, 4, 7, 8, 10, 11, 12, 13

Hilgro Boat Yard
161-45 Cross Bay Rd.
Howard Beach
1, 8, 9, 10, 12, 13

Howard Beach Hardware Corp.
102-11 159th Rd.
Howard Beach—8, 13

Hummels Marine Supply Co.
162-20 95th St.
Howard Beach—1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Nicks Boat Yard
161-41 Cross Bay Blvd.
Hudson
1, 7, 8, 10, 11, 12, 13

Hudson Marine
R. D. 1
Hudson—3, 4, 6, 7, 8, 10, 13

Centerport Hardware
102 Washington Dr.
Huntington—9, 13

Huntington Yacht Club
Huntington—10, 11, 13

Knutson Marine Center, Inc.
Mill Dam Rd.
Huntington
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12 13

Edgewater Marine
150 Main St.
Islip
3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Ellis Hardware Store
445 Main St.
Islip—8, 13

Islip Marine Service
41 Degnon Blvd.
Islip—1, 7, 8, 10, 11, 12, 13

Acme Marine & Aircraft Engine Co.
Waterview Rd.
Island Park
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Bianchi Boat Basin Inc.
Petit Pl.
Island Park
1, 3, 6, 8, 10, 11, 12, 13

Doremus Marine, Inc.
4338 Austin Blvd.
Island Park—3, 4, 6, 8, 13

Empire Marine Service
43 Empire Blvd.
Island Park
1, 3, 6, 7, 8, 10, 11, 12, 13

The Red Sail Boat Basin
Water Front Blvd.
Island Park
1, 3, 6, 8, 9, 10, 12, 13

Pete's Land
48 Empire Blvd.
Island Park
1, 3, 4, 6, 8, 9, 10, 11, 12, 13

Louis Soahn
Sales—Boats—Service
53 Empire Blvd.
Island Park
1, 3, 4, 5, 8, 10, 11, 12, 13

Freeman's Motor Marine, Inc.
435-515 Taughannock Blvd.
Ithaca
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Grumman Boats
105 E. Seneca St.
Ithaca—2, 3, 4, 5, 13

Johnson Boat Yard & Marina
Ft. of Willow Ave.
Ithaca
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

The House of Sportsmen, Inc.
82-12 Roosevelt Ave.
Jackson Heights—6, 9, 13

Lafayette Radio
165-08 Liberty Ave.
Jamaica—13

L. S. Aero-Marine Inc.
365 Fluvanna Ave.
Jamestown
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Almgren Marine Inc.
R. D. 1, Fluvanna
Jamestown
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Collins Sport Shop
109-11 E. 3rd St.
Jamestown—3, 6, 9, 13

Andys Mens Shop
34 Broad St.
Johnson City—9, 13

DeGroats Sales & Service
58 Ackley Ave.
Johnson City
3, 4, 6, 7, 8, 9, 13

C. Hiltebrant Dry Dock
Post Office Drawer H
Kingston—1, 2, 8, 12, 13

George S. Fishbein
Lawrence Yacht Basin
Lawrence

Lawrence Steel Yacht Co. Inc.
658 Rockaway Turnpike
Lawrence—2, 4, 12, 13

Gehrleins Anchorage
Ft. of Roosevelt Ave.
Lindenhurst
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Gehrleins Show Rooms
69 E. Montauk Hgwy.
Lindenhurst
1, 3, 4, 6, 7, 8, 9, 13

Seaman Seacraft Co. Inc.
Hernan Ave.
Locust Valley
1, 2, 4, 5, 7, 8, 13

N. Kartt Auto & Marine Supplies
169 E. Park Ave.
Long Beach—8, 9, 13

A & T Marine Motors
32-70 49th St.
Long Island City—7, 13

Hudson American Div.
29-01 Borden Ave.
Long Island City—13

R. C. Brewer, Inc.
161 E. Boston Post Rd.
Mamaroneck—8, 13

McMichael-Hammond Yacht Yard
333 E. Post Rd.
Mamaroneck
1, 2, 5, 7, 8, 12, 13

Orienta Marine Corp.
500 Rushmore Ave.
Mamaroneck
1, 4, 5, 7, 8, 10, 11, 12, 13

Shongut Boat & Engine Center Inc.
451 E. Boston Post Rd.
Mamaroneck
3, 4, 6, 7, 8, 13

Arrow Marine Sack
75 Plaridome Rd.
Manhasset
1, 3, 4, 5, 6, 7, 8, 13

Lewis & Conger Inc.
1980 Northern Blvd.
Manhasset—6, 8, 13

Marlboro Hdwe.
Main St.
Marlboro—8, 9, 13

Arthurs Fishing Station
9 Alhambra Rd.
Massapequa
3, 6, 8, 9, 10, 11, 12, 13

Gus Fishing Station
1 Alhambra Rd.
Massapequa
3, 4, 6, 8, 9, 10, 11, 12, 13

Nassau Shores Home & Garden*
East Shore Dr. & Merrick Rd.
Massapequa—6, 8, 10, 13

Chatauqua Lake Boat Yard Inc.
West Lake Rd.
Mayville
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Ace Boat Co.
Brewerton Rd.
Mattydale—3, 4, 6, 7, 8, 13

Clarrys Marine Sales & Service
Polar Kraft Aluminum Boats
Marietta—3, 6, 8, 9, 13

Stanley M. Goodman
Mexico Point
Mexico—3, 6, 8, 10, 13

Prices Hdwe.
145 Jericho Tpke.
Mineola—8, 13

Moravia Motors Inc.
Cascade on Owasco Lake
Moravia
1, 3, 4, 6, 8, 10, 11, 12, 13

Bob Gosman Company
Montauk—8, 12, 13

Supercraft Products
6 Cross St.
Monticello
1, 2, 3, 5, 6, 8, 10, 11, 12, 13

The Fishermans Center
23 E. Prospect Ave.
Mt. Vernon
3, 4, 6, 7, 8, 9, 13

Durland Boat Co.
Rte. 59
Nanuet—3, 6, 8, 13

Mohawk Trading Post Sport Shop
Seneca Turnpike
New Hartford
3, 6, 8, 9, 10, 13

Trident Marine Sales & Service
214 Woodland Ave.
New Rochelle
4, 6, 7, 8, 12, 13

Lions Boat Yard
Harbor Lane
New Rochelle
1, 7, 8, 10, 11, 12, 13

Als Marine Sales & Service
432 Zerega Ave.
Bronx
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Bronx Johnson Motors
3395 E. Tremont Ave.
Bronx—3, 6, 8, 13

Bronx Outboard Motor Mart
283 E. 161st St.
Bronx—3, 6, 8, 13

Higgs & Lindner
328 Soundview Ave.
Bronx—8, 13

Higgs Marine Service Inc.
300 Zerega Ave.
Bronx
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Kretzer Boat Works, Inc.
459 City Island Ave.
Bronx—1, 2, 8, 13

Marine Engine Sales & Service
2723 Bruckner Blvd.
Bronx—3, 4, 6, 7, 8, 13

Pelham Bay Marina Corp.
1490 Outlook Ave.
Bronx
1, 2, 7, 8, 10, 11, 13

Trainor Marine Station
600-10 Clarence Ave.
Bronx
1, 3, 4, 6, 7, 8, 10, 11, 13

Twin Craft Co.
557 City Island Ave.
Bronx—3, 6, 8, 9, 12, 13

Admiral Marine & Navigating Co.
5403 7th Ave.
Brooklyn—2, 7, 8, 13

A. L. Anderson, Inc.
Foot of 26th Ave.
Brooklyn—10, 13

Arena Marine Service
3075 Emmons Ave.
Sheepshead Bay
Brooklyn—3, 6, 8, 13

Bay Ridge Tackle Co.
351 99th St.
Brooklyn—3, 4, 6, 8, 13

W. J. Burke Sons Co.
327 Fourth St.
Brooklyn—8, 13

Canarsie Outboard Motors Service
1194 Remsen Ave.
Brooklyn—3, 6, 8, 13

Carlson Marine Supplies
4118 Ave. U
Brooklyn—3, 6, 8, 9, 13

Central
2001 Coney Island Ave.
Brooklyn—3, 4, 13

Crows Nest Boat Co. Inc.
3206 Emmons Ave
At Belt Pkwy.
Brooklyn
1, 2, 3, 4, 5, 6, 8, 10, 11, 12, 13

A. DiMattina Company
200 3rd St.
Brooklyn—13

Electra Marine
1427 Broadway
Brooklyn—3, 6, 13

Freddies Tackle & Sport Shop
5617 8th Ave.
Brooklyn—3, 6, 8, 9, 13

Gerretsen Fishing Station Inc.
3168 Emmons Ave.
Brooklyn—1, 8, 10, 13

Headquarters Marina
3112 Emmons Ave.
Brooklyn
3, 4, 6, 9, 10, 12, 13

Kingsboro Marine Supply Corp.
986 Atlantic Ave.
Brooklyn
3, 6, 7, 8, 9, 13

Lane Lifeboat & Davit Corp.
8920-26 Ave.
Brooklyn—2, 3, 4, 6, 7, 13

Stella Maris Fishing
2702 Emmons Ave.
Brooklyn
1, 3, 6, 9, 10, 11, 12, 13

Scott J. McBurney
Ave. U at Flatbush
Brooklyn
1, 2, 4, 7, 8, 10, 11, 12, 13

Meteor Sportsmans Center, Inc.
2767 Flatbush Ave.
Brooklyn
1, 3, 4, 6, 8, 10, 11, 12, 13

Mill Beach Marina
2092 E. 68 St.
Brooklyn
1, 3, 4, 5, 6, 7, 8, 9, 12, 13

Muller Boat Works, Inc.
2214 E. 69th St.
Brooklyn—2, 7, 8, 12, 13

Port Sheepshead Walter Lang & Son
3022-38 Emmons Ave.
Brooklyn—1, 10, 11, 12, 13

Pyramid Tire Supply, Inc.
131 Court St.
Brooklyn—3, 6, 9, 13

Edgar T. Quaritius
2140 Rockaway Ave.
Canarsie Shore
Brooklyn—9, 13

Reichert Towing Line
1008 Manhattan Ave.
Brooklyn—13

H. W. Rohde
Gulf Marine Station
Sheepshead Bay
Brooklyn—10, 11, 13

Sheepshead Bay Tackle & Marine Supplies
2127 Emmons Av.
Brooklyn—8, 9, 13

Sutter Brothers
2501 Knapp St.
Brooklyn
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Viking Marina & Hardware Co. Inc.
Ft. of Strickland
Brooklyn
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Vins Motor Service Corp.
60 St. & 17 Ave.
Brooklyn—3, 6, 8, 10, 12, 13

Harold F. Amster
150 City Island Ave.
New York—13

J. J. Burck
526 City Island Ave.
City Island
3, 4, 5, 6, 8, 9, 13

Consolidated Shipbuilding Corp.
154 Pilot St.
City Island
New York—2, 4, 7, 13

Geils & Foerst Marine Electric Co.
197 City Island Ave.
City Island—13

Hardware & Yacht Supply
258 City Island Ave.
City Island—8, 13

Tivoli Radio & Marine
413 City Island Ave.
City Island—13

Charles Ulmer Inc.
175 City Island Ave.
City Island—13

United Boat Service Corp.
Carol St.
City Island
1, 3, 4, 5, 6, 8, 10, 11, 12, 13

Winsette
358 City Island Ave.
City Island—13

Abbott-Marshall Corp.
74 Warren St.
New York—8, 13

Alan-Clarke Co.
75 Chambers St.
New York—13

Atlas Boat Supply Co.
93 Chamber St.
New York—8, 13

Baitinger Electric Co. Inc
76 Leonard St.
New York—3, 6, 8, 13

Bludworth Marine
92 Gold St.
New York—13

Bowly Holmes & Hecker, Inc.
123 Chambers St.
New York—7, 13

Chris Craft Motor Boat Sales
221 Park Ave.
New York—3, 4, 7, 8, 13

A. L. Don Company
37 South St.
New York—8, 13

Fedway Stores
1680 Broadway
New York—3, 6, 8, 9, 13

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395 Pearl St.
New York—13

The H. & D. Folsom Arms Co., Inc.
312 Broadway
New York—6, 9, 13

Fulton Supply Co. Inc.
23 Fulton St.
New York—8, 9, 13

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1174 6th Ave.
New York—8, 13

Herman Machine & Tool
Midtown Marine Center
712 Third Ave.
New York—4, 8, 13

Hermans Sport Goods
110 Nassau St.
New York—6, 9, 13

Hudson American Div.
25 West 43rd St.
New York—13

Interstate Boat House
Dyckman St. & Hudson River
New York—1, 3, 6, 8, 12, 13

Emil Janevic & Son
1292 First Ave.
New York—13

Kromer & Sakid Inc.
250 Dyckman St.
New York
1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Lerner International
34 E. 39th St.
New York—6, 13

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4. Inboard Motor Boats
5. Sailboats
6. Outboard Motors
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8. Marine Hardware
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10. Gasoline & Oil
11. Dockside Fuel
12. Dockside Mooring
13. Open All Year

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TRAILER

(*continued from page* 87)

pounds of a trailer's capacity, the customer should buy the next larger size trailer. For that 485 pound rig, forego the 500 pound trailer and get a 750 pound model, or whatever may be the next larger size.

The wisdom of this will become evident to you when you find yourself stowing camping gear, boating equipment and extra suitcases inside your boat while loading up for a vacation trip. And you may decide to buy a larger motor a few years hence, and there's always the time when one or two people will want to climb into the boat while it is on its trailer to do some work on it. Of course if you must economize, you can settle for the smaller capacity trailer and carry your motor and other equipment in the car so you do not exceed the rated capacity.

Anyone shopping for a trailer will quickly notice that some have "tilt beds" and some do not. Photographs accompanying this article illustrate the difference. With the ordinary trailer it is sometimes necessary to detach the trailer from the car so the trailer may be tilted up enough to allow the boat

Trailer must be long enough to give adequate transom support if outboard motor is left in place.

to slide off without suffering a drop as it leaves the trailer. With a tilt bed, both launching and hauling out can be done without trouble. The trailer remains attached to the car and the car serves as a safe, immobile "anchor" so there's no chance of a heavy boat, motor, and trailer rig getting out of hand. A distinct advantage of the tilt bed is its ease in launching and hauling out a boat from a high bank.

Tilt bed jobs are most useful where the car can be backed down to the launching site without danger of getting stuck in sand or mud. This is a minor matter in areas well supplied with paved launching ramps, but there are still many places where the trailer will have to be detached from the car and pushed over sand or mud to the water's edge. On many seacoast beaches the tide goes out to leave a wide expanse of sand between the end of the road and the water. In such places the plain bed trailer with its lower cost may prove to be quite acceptable, for regardless of the type of bed, the trailer will have to be tilted up manually. Remember, by the way, that any properly balanced trailer has only a moderate load on its hitch and can be tilted by hand quite easily.

There are a hundred-odd trailer manufacturers in business today, some large and some small. Naturally, a number of offbeat ideas have come up for rigs supposed to be perfect solutions to the launching-loading problem. While of course somebody may hit upon a truly brilliant idea one of these days, my advice is to be a bit wary of some of the gimmicks dreamed up by local blacksmiths and mechanics who have had little or no boating experience. The features you see on leading brands of trailers are the result of a lot of experience and are used because they make sense and work well in practice.

—Bob Whittier

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Outboard, inboard, or sailing auxiliary, all have one thing in common. They all use fuel; gasoline, diesel oil, or gas and oil mixtures for two-cycle outboard motors. Marine fuels are specially compounded for boating use. Listed on these pages are the facilities where the proper fuel for your boat can be obtained. For trouble-free boating, use the correct fuel for your engine.— ⚓

Marine Works Inc.
237 Water St.
New York—13
McVeigh & Schmidt Inc.
74 Warren St.
New York—8, 13
New York Rubber Corp.
100 Park Ave.
New York—3, 13
Parsons & Company
116 John St.
New York—13
The Rudder Publishing
9 Murray St.
New York—13
R. S. Sayers Co.
453 Sixth Ave.
New York—3, 6, 7, 8, 13
Sickels-Loder Inc.
594 Broadway
New York—3, 4, 6, 8, 13
Socony Mobil Oil Company, Inc.
150 E. 42nd St.
New York—10, 13
Sparkman & Stephens
11 E. 44th St.
New York—4, 5, 13
Speth-Cipolla Marine Sales Inc.
49 Murray St.
New York—13
Stelter Marine Sales
495 City Island Ave.
New York
1, 3, 4, 6, 8, 12, 13
Wall Rope Works Inc.
48 South St.
New York—13
Wexler and Sporty Inc.
125 Lafayette St.
New York
3, 4, 5, 6, 7, 8, 9, 13
Hanafords Boating Center
Rte. 9W, M.D. 14
Newburgh
3, 4, 5, 6, 7, 8, 10, 13
Holcombe Marine
8718 Point Ave.
Niagara Falls
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Pierce Marine Corp.
447 Third St.
Niagara Falls
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
L. T. Brownsey
Boats and Motors
Niskayuna—1, 11, 12, 13
Bills Marine
217 N. Main St.
North Syracuse
3, 4, 6, 8, 10, 13
Craig Marine
606 So. Main St.
North Syracuse—3, 6, 8, 13
Wardell Boat Yard
Ft. of Sweeney St.
North Tonawanda
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Strunk Marine Supplies
813 1st Ave.
North Troy
3, 6, 8, 10, 12, 13
Northport Boat Yard Inc.
Rte. 25A
Northport
1, 2, 3, 4, 5, 7, 8, 13
Stiles Motor Co. Inc.
188 Main St.
Northport—3, 4, 6, 7, 13
Harold L. Suydam
13 Woodbine Ave.
Northport—8, 13
Tappan Zee Marine
13 S. Broadway
Nyack—3, 4, 5, 6, 7, 8, 13
Frank Macik Hardware
Bay Walk
Ocean Beach—8, 9, 10, 13
Crows Nest Marina
So. of Atlantic Ave.
Oceanside
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Oceanside Marine Base
Ft. of Westminster Rd.
Oceanside
1, 8, 10, 11, 12, 13
Oakdale Yacht Service
Connetquot River
Oakdale
1, 4, 5, 7, 8, 9, 10, 11, 12, 13
Wards Sporting Goods Store*
321 Isabella St.
Ogdensburg
1, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13
Hedley Boat Co.
Olcott
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
West Shore Marine, Inc.
Jersey Ave.
Greenwood Lake
3, 4, 6, 7, 8, 10, 11, 12, 13
Sailors Surplus Inc.
Orangeburg—8, 13
Ossining Boat & Canoe
Westerly Dr.
Ossining—10, 11, 13
Automotive Sales Co.
141-145 W. First St.
Oswego—3, 6, 8, 13
Connellys Shipyard
River Ave.
Patchogue
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Bob Ritchies Boat Yard
168 West Ave.
Patchogue
1, 2, 3, 4, 6, 7, 8, 12, 13
South Bay Boat Works
161 River Ave.
Patchogue
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Toad Conklins*
Noxon St. on River
Patchogue
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Frank M. Weeks
Yacht Yard
River Ave.
Patchogue
1, 2, 4, 10, 11, 12, 13
Fred C. Robinson
16 Nelson Ave.
Peekskill—13
Macks Pennyan Marina
100 E. Lake Rd.
Penn Yan
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Haylett Marine
Rte. 2
Plattsburg
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Velez Marine Sales & Service
Lake Shore Rd.
Port Henry
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Bakers Boat Shop
125 W. Broadway
Port Jefferson
3, 4, 5, 6, 7, 8, 13
Westbrook Paint & Hdwe.
12 Sussex St.
Port Jervis—13
Frank P. Boyce
30 Beachway
Port Washington—13
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86 Orchard Beach Blvd.
Port Washington
1, 4, 7, 8, 10, 11, 12, 13
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10 Matinecock Ave.
Port Washington
1, 4, 7, 8, 12, 13
Harbor View Boat Yard
Capi Lane
Port Washington
1, 2, 4, 5, 7, 8, 13
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Port Washington
1, 4, 7, 8, 10, 11, 12, 13
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403 Main St.
Port Washington
1, 4, 7, 8, 13
Port Washington Marine
320 Main St.
Port Washington
3, 4, 6, 7, 8, 10, 13
Port Washington Trading Post Inc.
308 Main St.
Port Washington
3, 4, 6, 8, 9, 13
Shields Bros.
267-271 Main St.
Port Washington—8, 13
Von Der Lindens
52 Market St.
Poughkeepsie
3, 6, 8, 9, 13
Whites Marine Sales
South Rd.
Poughkeepsie
3, 4, 6, 8, 13
Carlins Boat Livery
Raquette Lake
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Simonsons Marine Center
405 Bayview Ave.
Prince Bay
3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Quoque Boat Shop
Willow Lane
Quoque
1, 2, 3, 4, 5, 6, 7, 8, 13
Gerry Finkes Marine
9 W.
Ravena—3, 4, 6, 8, 13
L & M Marine Inc.
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Richmond Hill
3, 4, 6, 8, 9, 10, 13
P. M. Auto & Marine Supply
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Richmond Hill
3, 4, 5, 6, 7, 8, 9, 10, 13
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On Braddock Bay
Rochester—8, 10, 11, 12, 13
Harrison Marine Service
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Rochester
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Jims Marine Service
512 Bay Front St.
Rochester
3, 4, 6, 8, 9, 10, 11, 12, 13
Lembo & Son
492 Fernwood Ave.
Rochester—3, 6, 8, 13
Mayer Boat Company
1333 St. Paul St.
Rochester
3, 4, 5, 6, 7, 8, 10, 13
Rochester Marine Co.
534 State St.
Rochester
3, 4, 5, 6, 7, 8, 13
Rochester Outboard Motor Co.
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Rochester
3, 4, 6, 7, 8, 13
Slims Automarine Sports Supply
352 Empire Blvd.
Rochester
3, 4, 6, 8, 9, 10, 12, 13
Valley Marine Co.
441 River St.
Rochester
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Vaughans Marina
Bridge St.
Rochester
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Ryan Marine Company
75-20 Amstel Blvd.
Rockaway Beach
1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13
Bruer Marine Center
Rte. 25A & Polk St.
Rocky Point
3, 6, 8, 10, 13
Clemons Sales
Upper Floyd Ave.
Rome—1, 2, 3, 6, 8, 12, 13
Wells Boat Shop
1016 W. Dominick St.
Rome—3, 6, 8, 9, 13
Argo Boat Co.
251-02 Rockaway Blvd.
Rosedale—2, 3, 4, 13
Birks Marine Sales
248-02 Rockaway Blvd.
Rosedale
1, 3, 4, 6, 8, 10, 11, 12, 13
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Roslyn—2, 4, 12, 13
Rye Boat Co., Inc.
182 North St.
Rye—2, 3, 4, 5, 13
Whalers Point Boatyard, Inc.
Bay St.
Sag Harbor
1, 7, 8, 10, 11, 12, 13
Ampersand Bay Boat Cl.
Box 547
Saranac Lake
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Crescent Bay Camps
Louier Saranac Lake
Saranac Lake
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Horton Duprey
10 Edward St.
Saranac Lake
3, 6, 8, 10, 13
Keough Marine Sales
118 121 River St.
Saranac Lake
1, 3, 4, 5, 6, 7, 8, 12, 13
No-Ro-Wal
Main St.
Bolton Landing—13
Heyboers Boatyard
Ft. of Terry St.
Sayville
1, 7, 8, 10, 11, 12, 13
Lands End Marina & Motel
70 Browns River Rd.
Sayville
1, 3, 6, 8, 9, 10, 11, 12, 13
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River Rd.
Sayville
1, 2, 3, 4, 5, 7, 8, 10, 11, 12, 13
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1, 2, 4, 7, 8, 10, 12, 13
Naomi Inn Fishing Sta.
3681 Naomi St.
Seaford—10, 11, 13
Seaford Harbor Boatyard
220 Shore Rd.
Seaford
1, 7, 8, 10, 11, 12, 13
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3722 Merrick Rd.
Seaford—3, 4, 6, 7, 8, 13
Slomins Hdwe. Dept. Store Corp.
3955 Merrick Rd.
Seaford—13
Williams Marina Corp.
3544 Ocean Ave.
Seaford
1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Morehouse Boat Co.
Lake Rd.
Senaca Falls
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Farrows Marine
West Neck Rd.
Shelter Island Heights
3, 4, 6, 7, 8, 10, 13
Jacks Marine
Shelter Island Heights
3, 4, 5, 6, 7, 8, 9, 12, 13
Skaneateles Boats
Skaneateles
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Truswell Marine
West Lake Rd.
Skaneateles
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Smithtown Marine
Jericho Turnpike
Smithtown—3, 6, 8, 13
George C. Helfer Inc.
Greig St.
Sodus Point
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
R. D. Carter
South Jamesport
1, 2, 6, 7, 8, 9, 13
Capt. Ed Staib
E. 2nd St.
South Jamesport
1, 2, 3, 4, 6, 7, 8, 13
R. D. Carter Boat Storage & Repair
South Jamesport
1, 2, 6, 7, 8, 9, 12, 13
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Speculator
1, 3, 6, 8, 10, 13
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3, 4, 5, 6, 7, 8, 9, 10, 13
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41 Main St.
Southampton—8, 13
Little Peconic Marine Service
Noyac Rd. & Wooleys Pond
Southampton
1, 2, 8, 9, 10, 11, 12, 13
Goldsmiths Boat Shop
Founders Landing
End Mill Creek
Southold
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Youngs Boat Yard & Marina
Southold—1, 2, 8, 10, 12, 13
Ulrich & Lieblein
Port of Egypt
Southold
3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
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Staten Island—8, 13
Loyd H. Lawrence Co.
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Staten Island
3, 4, 6, 7, 8, 9, 13
Marine Associates
421 Richmond Ave.
Staten Island
3, 4, 6, 8, 10, 13
Simonson Marine Center
405 Bayview Ave.
Staten Island
3, 4, 6, 7, 8, 9, 10, 11, 12, 13
H. B. Vitt Co., Inc.
684 Bay St.
Staten Island—13
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Sylvan Beach
Brennan Motor Mfg. Co.
102 S. Townsend St.
Syracuse—7, 13
Brewerton Boatyards Inc.
619 S. Warren St.
Syracuse
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
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114 S. Warren St.
Syracuse—3, 5, 8, 13
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Syracuse—3, 6, 8, 13
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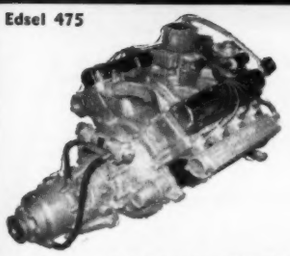

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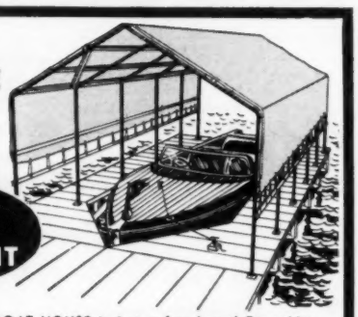

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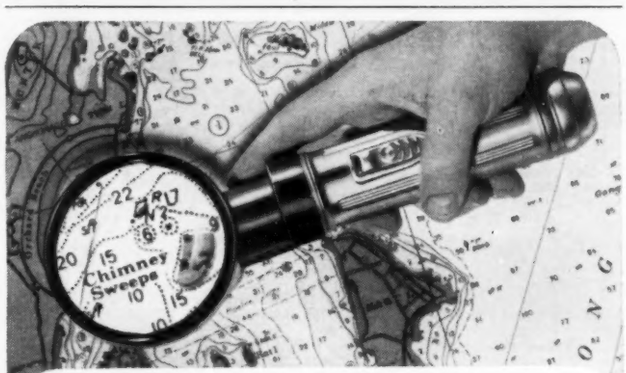

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Makes Chart Reading Easy . . . Accurate!
gives maximum night vision

Just press the switch. Instantly your chart area is magnified 3 times, and clearly illuminated with soft red night light, working from batteries in the handle.

PRICES Battery Model **$9.50** Plug-in Model ac & dc **$11.50**

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Manufacturers of illuminated magnifiers since 1927

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Your gasoline dealer is more than just a filling station attendant. Here you can get latest weather information, local cruising pointers, area maps which supplement your charts, and emergency repairs. Most dockside stations will receive and hold mail for inbound yachts and offer a wealth of information for the asking. — ⚓

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125 S. Franklin St.
Syracuse—3, 6, 8, 10, 13
County Power Tool Co.
White Plains Rd.
Tarrytown—3, 4, 6, 13
The Hopkins Agcy. Boats, Motors, Ins.
1 Cayuga St.
Trumansburg
3, 4, 6, 8, 13
Geo. H. Richards
209 Pearl St.
Utica—3, 6, 8, 10, 13
Chrismans Genl. Store & Boat Livery
Kenyonville
Waterport—3, 9, 10, 13
The Sports Shop
529-535 W. Main
Watertown
3, 6, 8, 9, 10, 13
VanBrocklins Sales & Service
426 Mill St.
Watertown—3, 6, 10, 13
Boating Center
888-898 Broadway
Watervliet
1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13
Tri-City Yacht Basin
Ft. of 17th St.
Watervliet
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Bills Servisenter
1 Seneca
Weedsport
3, 6, 8, 9, 10, 13
Brests Marine Center
Wellsville—3, 6, 8, 9, 13
Moneybogue Boat Slips
Westhampton Beach
1, 4, 5, 7, 8, 10, 11, 12, 13
Westhampton Marine Supplies
Main St.
Westhampton Beach
5, 6, 8, 9, 13
Westport Marine Base
Westport
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Long Island Boat & Motor Sales
Montauk Hgwy.
West Sayville
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
West Sayville Marine Serv., Inc.
Montauk Hgwy.
West Sayville
1, 3, 4, 6, 7, 8, 10, 13
Seneca Boat Co.
Seneca-Cayuga Canal, R. D. 3
Waterloo
1, 3, 6, 8, 9, 10, 11, 12, 13
Beccue Boat Basin
Beccue Island
Wilson
1, 4, 7, 8, 10, 11, 12, 13
Yacht Brokerage Service
852 Station Place
Woodmere
3, 4, 5, 6, 7, 12, 13
Ludlow Marine Corp.
Ludlow Dock
Yonkers
2, 4, 7, 8, 10, 11, 12, 13
Ryan Hdwe.
56 Main St.
Yonkers—13
Grabau Boat Co.
Water St.
Youngstown
1, 2, 3, 4, 5, 6, 7, 9, 11, 12, 13
Pierce Marine Corp.
Water St.
Youngstown
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

NORTH DAKOTA

Tracys Marine Svce.
634 1st St. N.
Carrington—3, 6, 8, 9, 10, 13
Dakota Drug, Inc.
28-32 N. Main St.
Minot—3, 4, 5, 7, 8, 9, 13
Northwest Sptg. Goods
15 1st St. S.W.
Minot—3, 6, 8, 9, 10, 13

OHIO

Anchor Boat Livery
1011 Bowery St.
Akron
1, 3, 6, 8, 10, 11, 12, 13
Leighton Boat House
4200 So. Main St.
Akron
1, 4, 7, 8, 9, 10, 11, 12, 13
Outboard Sales & Service
443 W. Turkeyfoot Lake
Akron—3, 4, 6, 8, 10, 13
Warner Boat House Inc.
252 Portage Lakes Dr.
Akron
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
H. A. Wittlesey
Atwater—3, 9, 10, 13
Dan Archibald Hardware & Sport Goods
3256 Belmont St.
Bellaire—3, 6, 13
Bryan Outboard Motor Co.
R. Rte. 2
Bryan—3, 6, 8, 9, 10, 13
Buckeye Marine Sales
Buckeye Lake
1, 3, 6, 8, 10, 11, 12, 13
Gibson Supply Co.
2400 E. Wheeling Ave.
Cambridge—3, 6, 8, 13
Canton Hardware Co.
Canton—3, 6, 9, 13
Falls Distributing Co.
303 Orchard St.
Chagrin Falls—8, 9, 13
Delta Fire Equipment
2321 Duck Creek Rd.
Cincinnati—13
Fierlage Marine, Inc.
2233 Eastern Ave.
Cincinnati—3, 4, 6, 7, 8, 13
Martin Lang
2719-21 Woodburn Ave.
Cincinnati
2, 3, 4, 5, 6, 7, 8, 9, 13
Marine Sales & Service Inc.
Kellogg Ave. & 4 Mile Rd.
Cincinnati
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Neptune Boat Harbor
7333 Kellogg Rd.
Cincinnati
1, 4, 8, 10, 11, 12, 13
Cleveland Outboard Sales & Service
1423 W. 28th St.
Cleveland—3, 6, 8, 10, 13
Cleveland Yacht & Supply Co.
3027 Detroit Ave.
Cleveland—3, 4, 6, 7, 3, 13
Duracraft Marine Co.
11910 Detroit Ave.
Cleveland
1, 3, 4, 6, 8, 10, 13
Great Lakes Diesel Co.
1064 West 11th St.
Cleveland—7, 12, 13
Interlake Marine Sales, Inc.*
2920 Detroit Ave.
Cleveland—3, 4, 6, 8, 10, 13
Lakewood Boat & Motor Co.
Detroit & Sloan Ave.
Cleveland—3, 4, 6, 7, 8, 9, 13
Manley Marine & Supply Co.
995 E. 140 St.
Cleveland
3, 4, 6, 7, 8, 10, 13
Sail & Power Craft
6818 Superior Ave.
Cleveland—3, 4, 5, 6, 8, 13
Sante Marine Propeller Specialist
5308 Detroit Ave.
Cleveland—13
Serve-U-Marine Co.
628 Woodland Ave.
Cleveland—1, 2, 3, 5, 7, 13
Wildwood Marine Co.
16820 Lake Shore Blvd.
Cleveland
3, 4, 6, 7, 8, 9, 10, 13
Culver Aeromarine Corp.
2214 Hoover Ave.
Dayton—3, 4, 6, 7, 8, 13
W. C. Kennedy & Son Co.
196 S. High St.
Columbus
3, 4, 6, 7, 8, 9, 13
Livingston Enterprises, Inc.
1577-83 Livingston Ave.
Columbus—3, 4, 6, 8, 9, 13
Ludlow Radiator Service Inc.
34 Franklin St.
Dayton
3, 4, 6, 7, 8, 10, 13
Sherrills Boats & Motors
2808 E. Third St.
Dayton—3, 5, 6, 8, 9, 13
Smiths Boathouse
5655 S. Dixie Hwy.
Dayton
1, 3, 4, 6, 7, 8, 10, 12, 13
The Elyria Hardware Co.
523 Broad St.
Elyria—9, 13
Numan Marine Supply
635 E. 185 St.
Euclid—3, 4, 6, 7, 8, 13
Sharrocks Marine & Sports Shop
900 Harding Way, West
Galion
3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Fergusons Outboard Motor & Tackle Shop
20 N. Ward Ave.
Girard—3, 6, 8, 9, 13
Douglas & McLeod Inc.
210 River St.
Grand River
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Douglas & McLeod Inc.
210 River St.
Grand River
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13
Ribar Brothers
Central Ave. & Hanover St.
Hamilton—3, 4, 5, 6, 7, 8, 13
The Morse Instrument Co.
399 Clinton St.
Hudson—3, 4, 6, 7, 8, 13
The Boat Harbor Inc.
400 Huron St.
Huron
1, 3, 4, 6, 8, 10, 11, 12, 13
Worthy R. Brown & Son, Inc.
Browns Marina
Lakeside
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Chuck Marine Supply, Inc.
18509 Detroit Ave.
Lakewood
3, 4, 6, 8, 9, 10, 13
Eddys Boat House
On Rocky River
Lakewood
3, 4, 6, 7, 9, 10, 11, 12, 13
Paul Browns Outdoors
Rte. 117 East & Bowman Rd.
Lima—3, 6, 8, 9, 10, 13
Heisner Radio Inc.
215 E. Erie Ave.
Lorain—12, 13
Riverside Marine Service
Riverside Park
Lorain
1, 3, 4, 6, 7, 8, 9, 10, 12, 13
Verne Jones Boating & Fishing Center
237 N. Mulberry
At 6th St.
Mansfield
3, 4, 6, 8, 9, 10, 13
Aquamarine Sales Inc.
15356 Broadway
Maple Heights
3, 6, 8, 9, 13
Elliott Sporting Goods
204 Maple St.
Marietta
3, 4, 6, 7, 8, 9, 10, 11, 13
Harden Music Stores
179 S. Main
Marion—13
Karl Kuemmerling Inc.
4536 Lincoln Way, East
Massillon—3, 4, 5, 6, 8, 13
Martin Bros. Marine Suppy Inc.
Mentor Yacht Club
Mentor
1, 3, 4, 6, 7, 8, 12, 13
Acme Boat Co.
East Pearl St.
Miamisburg—2, 3, 6, 8, 13
Lake Erie Marine Corp.
208 Louisiana Ave.
Perrysburg—3, 4, 6, 8, 9, 10, 13
Sport Shop
Lake Erie Marine Corp.
208 Louisiana Ave.
Perrysburg
3, 4, 6, 8, 9, 10, 13
Catawba Marine Sales
Rte. 1
Port Clinton
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
The Matthews Co.
Port Clinton—2, 13
Hanley Hydrojet Inc.
126 N. Main St.
Prospect—7, 13
Altick Marine Sales & Service
312-314 E. Main St.
Russells Point
3, 6, 8, 9, 10, 11, 13
Brads Aero Marine Sales
Box 316
Russels Point
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Major Marine Sales
On Indian Lake
Russells Point
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Rebo Inc.—Spend-A-Day
Orchard Island Rd.
Russells Point
3, 4, 6, 7, 8, 10, 11, 12, 13
Schuler Marina, Inc.*
Orchard Island Rd.
Russels Point
3, 4, 6, 7, 8, 10, 11, 12, 13
Barrys
Ft. of Perry St.
Sandusky
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Browns Boat Inc.*
Ft. of Columbus Ave.
Sandusky
1, 3, 4, 6, 7, 8, 12, 13
Inland Seas Boat Co., Inc.
First St. and Venetian Dr.
Sandusky
1, 2, 3, 4, 6, 7, 8, 12, 13
Pfefferkorn Awning Co.
1610 Cleveland Ave.
Sandusky—13
Russell Boats Inc.
Ft. of E. Washington St.
Sandusky
2, 3, 10, 11, 12, 13
Tappan Lake Boat Concession
Route 250 Betw.
Dennison & Cadiz
Route 1, Scio
2, 3, 6, 8, 9, 10, 12, 13
Spahr Boat Company
Atwood Lake
Sherrodsville—2, 5, 8, 13
Dooley Enterprises
2200 S. Yellow Spring St.
P. O. Box 597
Springfield
3, 4, 6, 7, 8, 9, 12, 13
George Meek Co. Inc.
36 N. Fountain Ave.
Springfield—3, 6, 9, 13
Als Marine Sls. & Svce.
5860 Edgewater Dr.
Toledo
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Bodette Marine Supply
No. 1 South Summit St.
Toledo
3, 4, 6, 7, 8, 9, 10, 13
Central Boat & Trailer Co. Inc.
3420 Upton Ave.
Toledo—2, 3, 4, 6, 7, 8, 13
Customflex, Inc.
2221 Detroit Ave.
Toledo—2, 5, 8, 13
Gibbs Boat Co.
5902 Edgewater
Toledo
2, 3, 5, 6, 8, 9, 10, 13
Ray Greene & Co.
508 S. Byrne Rd.
Toledo—2, 5, 8, 13
Hans Hansen Welding Co. Inc.
2824 Summit St.
Toledo—1, 2, 4, 7, 12, 13
Herman Marine Svc. Inc.
Bay View Park
Toledo
1, 4, 5, 7, 8, 10, 11, 12, 13
Littin Boat Works
2503 Broadway
Toledo
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Marine Sport Center
1015 Summit St.
Toledo—3 6, 8, 13
Payne Marine Dist. Co.
4570 Monroe St.
Toledo—3, 6, 8, 10, 13
Joseph B. Smith Co.
1945 Franklin Ave.
Toledo—3, 6, 13
The M. I. Wilcox Co.
210-216 Water St.
Toledo—13
Netzley Boat & Motor Sls.
Treasure Island
Boat House
Troy
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Johnson Hdwe. Co.
222 N. Main
Uhrichsville
3, 5, 6, 8, 9, 10, 13
Buds Sport Shop
403 N. Main
Upper Sandusky
3, 6, 8, 9, 10, 13
Moes Marine Service
Liberty St.
Vermilion
1, 7, 8, 10, 11, 12, 13
H. & H. Cycle & Marine Co.
33520 Vine St.
Willoughby
Triggs Marine Supply
1409 Market St.
Youngstown
3, 4, 6, 8, 9, 10, 13
Youngstown Boat Supp.
2209 Mahoning Ave.
Youngstown
3, 4, 5, 6, 7, 8, 9, 13
Sports & Photo Sply. Co.
904 W. Main St.
Zanesville
3, 6, 8, 9, 10, 11, 12, 13

OREGON

Englund Marine Supply Co.
Foot of 15th St.
Astoria—3, 6, 8, 9, 10, 11, 13
Alfred Puusti & Co.
238-240 W. Marine Dr.
Astoria—3, 6, 8, 9, 13
The Evans Fly Co.
South 3rd St.
Bend—1, 3, 6, 8, 9, 10, 11, 13
N. R. Brundage Marina
Bayshore & Com.
Coos Bay—3, 6, 8, 10, 13

1. Boat Yard (Storage & Repairs)
2. Boat Builder
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4. Inboard Motor Boats
5. Sailboats
6. Outboard Motors
7. Inboard Engines
8. Marine Hardware
9. Fishing Equipment
10. Gasoline & Oil
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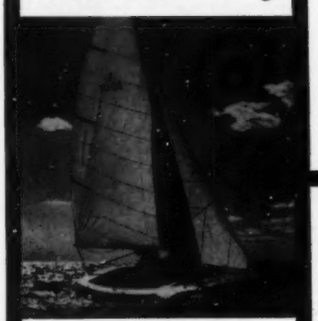

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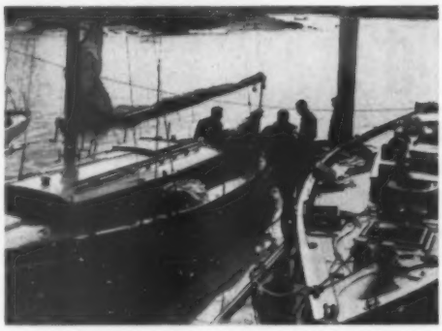

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Kelley Boat Wks.
Rte. 2, Box 695
Coos Bay—1, 2, 4, 5, 12, 13
Williamsons Outboard Shop
Coos Bay-N. Bend Hgwy.
Coos Bay—3, 6, 8, 10, 12, 13
The Law Marina Johnson Sales & Serv
510 Central
Coquille—3, 4, 6, 7, 8, 10, 13
Les & Bobs Sporting Goods
127 So. 4th St.
Corvallis—3, 6, 9, 13
Calkins Craft Boat Co.
Highway 101
Delake
2, 3, 4, 6, 7, 8, 9, 10, 11, 13
Imperial Marine Serv.
Depoe Bay—7, 8, 9, 13
M. E. Henzler
1493 W. 6th Ave.
Eugene—8, 10, 13
Troehs Sporting Goods
604 Williamette St.
Eugene—3, 6, 8, 9, 13
John Warren Hardware
771 Williamette St.
Eugene—8, 9, 13
Yaquina Bay Marine
113 S.W. Bay Blvd.
Newport—8, 9, 13
Sportcraft Landing
1527 McLoughlin Blvd.
Oregon City
1, 2, 3, 4, 6, 7, 8, 9, 10, 12, 13
Larneys Marina
120 N. State St.
Oswego
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13
Columbia Marine Electronics
1132 N. Jantzen St.
Portland—12, 13
T. B. Cook Engine Co.
Ft. of S.W. Gibbs St.
Portland—6, 7, 13
C. R. Dillabaugh Co.
220 N.E. Columbia Blvd.
Portland
2, 3, 4, 6, 7, 8, 13
Donaldsons Marina
3417 N.E. Marine Dr.
Portland
3, 4, 6, 7, 8, 10, 11, 13
Gunderson Bros. Engr.
4700 N.W. Front
Portland—1, 2, 12, 13
Halton Tractor Co.
2439 N.W. 29th Ave.
Portland—7, 13
McCuddys Marina
2901 N.E. Marine Dr.
Portland
3, 4, 6, 7, 8, 10, 11, 12, 13*
Oregon Marine Supply Co.
235 S.W. 1st
Portland—3, 5, 6, 7, 8, 9, 13
Robert A. Smith
1825 N.E. Fremont St.
Portland—2, 13
The White Motor Co.
237 S.E. Union Ave.
Portland—7, 13
Cascade Mercantile Sporting Goods
1230 Broadway
Salem—3, 4, 6, 8, 9 10, 13
Dan's Marina*
Scappoos Bay
Warren
E. W. Hendrickson & Son Inc.
P. O. Box 1281
Warrenton
1, 8, 9, 10, 11, 12, 13

PENNSYLVANIA

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Albion—8, 13
Peters Marine Service
1402-1414 Union Blvd.
Allentown
1, 3, 4, 6, 7, 8, 13
Don Schlosser Marine
234 N. 13th St., Rear
Allentown
3, 4, 6, 8, 10, 13*
Highland Boat Sales
Route 8
Allison Park
1, 3, 4, 6, 7, 8, 10, 11, 12, 13*
Upland Boat Works, Inc.
1510 Parker St.
Upland
Chester
1, 3, 4, 5, 6, 7, 8, 10, 12, 13
Hofberg & Sons
Baltimore Ave. & Church St.
Clifton Heights
3, 4, 6, 8, 10, 13
Reimanns Marine Service
Third St.
Conneaut Lake
1, 4, 7, 8, 10, 11, 12, 13
Caddie Labars Marine Service
Memorial Hgwy.
Dallas
3, 4, 5, 6, 8, 9, 10, 13*
I. G. Sprechers Sons
24-26 E. Main St.
Ephrata—9, 13
M. A. Baumann
140 West 4th St.
Erie—4, 13
Cowell Boat Works
Mr. 13 E. Lake Rd.
Erie—1, 2, 3, 10, 11, 12, 13
Erie Marine Supply Co.
17 W. Public Dock
Erie
3, 4, 6, 7, 8, 10, 11, 12, 13
Erie Wallpaper & Paint Co.
2220 W. 8th St.
Erie—13
Great Lakes Marine
85 State St.
Erie—1, 3, 4, 6, 7, 8, 10, 11, 13
Lund Boat Works
East Public Dock
Erie—1, 2, 3, 4, 5, 7, 12, 13
R. D. McAllister & Son
East Bay Front
Erie
1, 4, 7, 8, 10, 11, 12, 13
Perry Shipbuilding Co.
Ft. of Cranberry St.
Erie—1, 2, 10, 12, 13
Presque Isle Sport
3214 W. Lake Rd.
Erie—3, 6, 8, 9, 10, 13
Essington Yacht Yard
2nd & Wannamaker Ave.
Essington
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Rosse Boat Repair & Storage Yard
Essington
1, 7, 8, 10, 11, 12, 13
Philadelphia Seaplane Base
Ft. of Wanamaker Ave.
Essington
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Booher Sporting Supplies
308 Riverside Dr.
Freeport—3, 8, 9, 13
Lake Harbor Boat Service
Lake Wallenpaupack
R. D. No. 1.
Greentown
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
A. R. Boat Mart
1257-9 Thompson St.
Harrisburg—3, 6, 8, 9, 13
Ubers Appliance Store
Opposite Post Office
Indiana—3, 6, 8, 9, 12, 13
Woolberts
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Kingston
3, 4, 5, 6, 7, 8, 13
Kittanning Dockage & Boat Sales Inc.
P. O. Box 571
Allegheny River at Colwell St.
Kittanning
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Antrim Marine Radio
4022 Woodruff Rd.
Lafayette Hill—13
Darmstaetters
35-37 N. Queen St.
Lancaster—3, 6, 8, 13
Warren Henwood Co.
324 E. King St.
Lancaster—4, 7, 8, 13
Berrys Marine Supplies
214 Vesper St.
Lock Haven—3, 6, 8, 10, 13
Nelson Marine Equipment
1001 Chess St.
Monongahela
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Thayers Boat House
304 Hazelcroft Ave.
New Castle—2, 3, 5, 6, 8, 13
Altmans Marine Service
1815 4th Ave., Arnold
New Kensington
3, 4, 6, 7, 8, 13
The Carroll Specialty Sales
S. Sheridan Rd.
Newmanstown
3, 4, 5, 6, 7, 8, 9, 13
Thomas Outboard Sales
R. D. 1
North East
3, 6, 8, 9, 10, 13
Rosenberger Marine Service
Orchard Rd., R.D. 3
Perkasie
1, 3, 4, 6, 7, 8, 10, 13
Barr Marine Prod. Co.
2708 Castor Ave.
Philadelphia—7, 8, 13
Dredge Harbor Yacht Sales
743 Spring Garden St.
Philadelphia—4, 7, 8, 13
George Marine Supplies*
2203 So. 67th St.
Philadelphia—13
Gordon Boat Company
321 N. Broad St.
Philadelphia
3, 4, 5, 6, 8, 10, 13
Jacks B & R Service
2220-22 Germantown Ave.
Philadelphia—3, 6, 8, 13
Johnson & Towers, Inc.
113-15 Market St.
Philadelphia
3, 4, 6, 7, 8, 13
J. M. Loeffler
149 No. 4th St.
Philadelphia—13
Marine Equip. & Supply Co.
114-118 Walnut St.
Philadelphia—3, 6, 8, 13
Metalweld Inc.
Hunting Park & Fox Sts.
Philadelphia—7, 13
Pensylvania Sporting Goods Co.
910 Spring St.
Philadelphia—6, 8, 13
The Philadelphia Boat Works
5527 N. 2nd St.
Philadelphia
2, 3, 4, 5, 6, 7, 8, 13
Quaker Marine Supply
50 E. Laurel St.
Philadelphia—8, 13
Ramsey Trailers
1925-35 S. Chadwick
Philadelphia—13
Riggs & Bros.
310 Market St.
Philadelphia—13
Schulte Boat Works
3514-18 A St.
Philadelphia
3, 4, 5, 6, 8, 10, 13
Weidmans Boat Yard
Delaware River at Tacony Palmyra Bridge
Philadelphia
1, 3, 4, 6, 8, 10, 11, 12, 13
Weils Curiosity Shop
20 S. 2nd St.
Philadelphia—8, 13
Highland Seaplane Base
Freeport Rd.
Pittsburgh
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Marine Equipment Co.
917 Federal St.
Pittsburgh
3, 4, 6, 8, 9, 13
Marine Equipment Co.
2836 Sawmill Run Blvd.
Pittsburgh
3, 4, 6, 8, 9, 13
Pittsburgh Wtrprf. Co.
2537 Penn Ave.
Pittsburgh—13
Speedometer Service Co.
4740 Baum Blvd.
Pittsburgh—13
Union Supply Co.*
539 Wood St.
Pittsburgh
Reading Boat Works
829 Thorn St.
Reading
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Smith Bros. Gun Store
Rte. 68, R. D. 1
Rochester—3, 6, 8, 9, 10, 13
Arrow Paint & Wallpaper Co.
330 Meadow Ave.
Scranton—13
Paragon Marine & Supply Co.
101 Green Ridge St.
Scranton—3, 5, 6, 8, 13
Woodys Boat Shop
R. D. 2
Selinsgrove
1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13
Beckdol Hdwe. & Sptg. Goods Co.
33 W. State St.
Sharon—3, 6, 8, 9, 10, 13
CCC Marine Supplies Inc.
3697 E. State St.
Sharon
3, 4, 5, 6, 8, 9, 10, 12, 13
Martys Sport & Toy Shop
102-104 Main St.
Slatington—3, 6, 8, 9, 10, 13
A. G. Hedrick & Son
309 Schuylkill Rd.
Spring City—3, 6, 8, 10, 13
Sabil Supply Company
Rte. 28
Summerville
3, 6, 9, 10, 13
Harder Sporting Goods Co.*
336 Pine St.
Williamsport—13
Worthington Sales & Service
1720 Old York Rd.
at Rubicam Ave.
Willow Grove—3, 6, 8, 13
Harrisburg Marine
Wormleysburg
3, 4, 6, 7, 8, 10, 13
Resh Boat Sales
403 Hellam St.
Wrightsville
1, 3, 4, 6, 7, 8, 10, 11, 12, 13
Welshs Boat Yard
R. D. 1
Wrightsville
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Burgard Bros.
West & Philadelphia
York—3, 6, 7, 8, 13

RHODE ISLAND

Ships Store, Inc.
32 Barton Ave.
Barrington—13
Stanleys Boat Yard
25 Barton Ave.
Barrington
1, 2, 3, 6, 7, 8, 10, 12, 13
H. F. Beane Boat & Radio Sales
New Harbor
Block Island
3, 5, 6, 8, 9, 12, 13
C. L. Durfee
65 Rolfe St.
Cranston—3, 6, 8, 9, 13
Pawtuxet Marine Electronics Inc.
69 Fort Ave.
Cranston—13
Pawtuxet Paint & Hdwe. Co.
2190 Broad St.
Cranston—8, 9, 10, 13
Arnolds Boat Shop
Water St.
East Greenwich
8, 9, 10, 11, 13
Beetle Boat Co. Inc.
Greenwich Bay Shpyrd.
East Greenwich
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Houghton Marine Corp.
Water St.
East Greenwich
1, 3, 4, 5, 6, 7, 8, 13
Standard Marine Service Machine Shop
72 Anthony St.
East Providence
4, 7, 12, 13
Port Edgewood Inc.
1128 Narragansett Blvd.
Edgewood
1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Silvias Service Station
232 W. Main Rd.
Middletown—10, 13
Johnson Bros. Inc.
Commercial Wharf
Newport—10, 11, 12, 13
Mathinos & Son Shipyard
Hammetts Wharf
Newport
1, 2, 7, 10, 11, 12, 13
Newport Shipyard, Inc.
379 Thames St.
Newport—1, 8, 13
General Mower & Outboard Service
Girard Terr.
Box 29
North Kingstown
3, 4, 6, 8, 13
Knights Boat Yard
1 Grenore St.
Pawtucket
1, 2, 3, 4, 5, 6, 7, 9, 13
Stafford Marine Mart
284 Broadway
Pawtucket
3, 4, 6, 7, 8, 13
Stanley Enterprises
65 Main St.
Pawtucket
3, 6, 7, 8, 9, 13
Marios
319 Bald Hill Rd.
Pontiac
3, 4, 6, 8, 9, 12, 13
Arnold Motorcycle Co.
516 Broad St.
Providence—3, 4, 6, 8, 13
City Hall Hdwe. Co.
Washington & Snow St.
Providence—3, 6, 9, 13
G & B Supply Co.
417-419 S. Main St.
Providence—3, 6, 8, 9, 13
J. T. O'Connell Co.
132 Fountain St.
Providence
3, 5, 6, 7, 8, 9, 13
Pawtucket Paint & Hdwe.*
2190 Broad St.
Providence—13
Narragansett Terrace Boat Yard
250 Riverside Dr.
Riverside
1, 2, 3, 6, 7, 8, 9, 13*
Wests Boat Yard
254 Riverside Dr.
Riverside—1, 3, 6, 7, 8, 13
Barnett Electronics
375 North Broadway
Rumford—13

1. Boat Yard (Storage & Repairs) **5. *Sailboats** **8. Marine Hardware** **11. Dockside Fuel**
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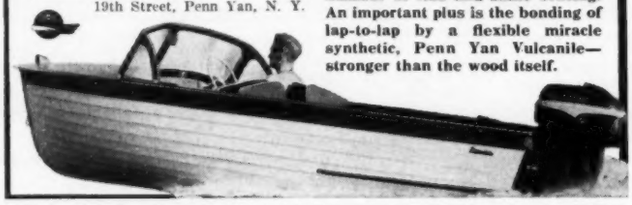

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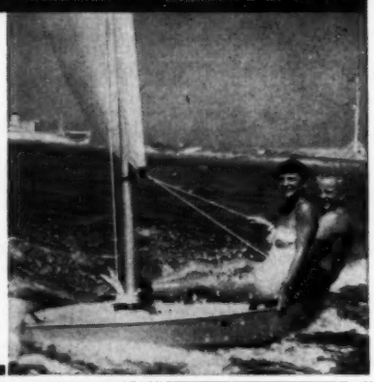

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This 15½ ft. auxiliary is safe, comfortable, roomy and stable. A multi-purpose boat, the Ospray performs well in both light and heavy winds. A small cuddy provides dry storage forward as well as room for two to sleep. Takes a 5 to 10 hp outboard.

Approx. $975 less sails

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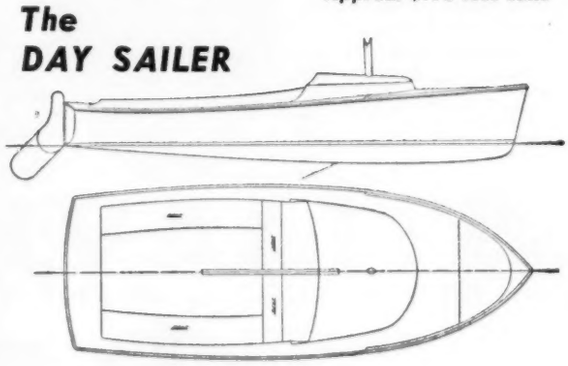

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Acme Marine & Supply Inc.
317 Putnam Pike
Smithfield
2, 3, 4, 5, 6, 7, 8, 9, 10, 13

Luce Boat & Marine Mart Inc.
983 Main Rd. Rt. 138
Tiverton
2, 3, 4, 5, 6, 7, 8, 13

Standish Boat Yard Inc.
1697 Main Rd.
Tiverton—1, 7, 8, 10, 11, 13

Hansons Boat Yard
Salt Pond Rd.
Wakefield
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Aldrich Boating Supplies*
Terrace Ave.
Warren—13

The Anchorage Inc.
57 Miller St.
Warren
2, 3, 4, 5, 10, 11, 12, 13

General Supply Co.
429 Main St.
Warren—3, 4, 8, 9, 13

Merciers Hdwe.
193 Water St.
Warren—8, 9, 13

Warwick Cove Boatyard
145 Wharf Rd.
Warwick
1, 2, 3, 4, 7, 8, 12, 13

Watch Hill Boat Yard
Pasadena Ave.
Watch Hill
1, 4, 7, 8, 9, 10, 11, 12, 13

L. H. Clarke Boat Yard
Avondale Rd
Westerly
1, 2, 8, 9, 10, 11, 12, 13

Watch Hill Boat Yard
Pasadena Ave.
Westerly
1, 4, 7, 8, 10, 11, 12, 13

VERMONT

Burlington Paint & Wallpaper Co.
181 North St.
Burlington—13

Champlain Marine Co. Inc.
Malletts Bay, Box 171
Burlington
1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13

Hagar Hardware & Paint Co.
98 Church St.
Burlington—8, 9, 13

Carl H. Parker
4 School
N. Springfield—3, 6, 10, 13

Shelburne Harbor Ship & Marine Const. Co. Inc.
Shelburne Harbor
Shelburne
1, 2, 3, 6, 7, 8, 9, 10, 11, 12, 13

Malletts Baymarine Co.
R. F. D. 3
Winooski
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13

WASHINGTON

Burchcraft Boat Co. Inc.
1000 Mitchell St.
Aberdeen—2, 3, 13

Bailey Service Inc.
111 N. Broadway
Aberdeen—3, 6, 8, 13

Outboard Sales & Service
409 E. Wishkah St.
Aberdeen—3, 4, 6, 8, 13

Anacortes Marina, Inc.*
2104 Commercial St.
Anacortes

Harris Engine & Equipment
720 3rd
Anacortes—1, 7, 8, 12, 13

Robinson Marine Ways
North End of U Ave.
Anacortes
1, 2, 3, 4, 6, 8, 12, 13

Marine Sales & Equip. Co.
1000 C St.
Bellingham
6, 7, 8, 10, 11, 12, 13

Norseman Boat Company
P. O. Box 191
Bellingham—2, 3, 13

Port of Bellingham
25 Squalicum Boat Harbor
Bellingham—10, 11, 12, 13

Ira Yeagers Sporting Goods & Marina
3101 Northwest Ave.
Bellingham—3, 4, 6, 8, 9, 13

Forder Boat Works
6450 N.E. 202nd
Bothell—2, 13

Oliver Rickard Hardware
202 N. Tower Ave.
Centralia—3, 6, 8, 9, 13

The Cove Marina
Lake Chelan
Chelan
1, 6, 7, 8, 9, 10, 11, 12, 13

Davenport Motors
Davenport—3, 6, 8, 10, 13

Chets Boat Shop
Deer Harbor
2, 3, 4, 5, 7, 8, 13

Northwest Boat Yard
3878 Railway Ave.
Everett
1, 2, 4, 7, 8, 12, 13

Albert Jensen & Sons
Friday Harbor
1, 2, 7, 8, 12, 13

San Juan Agri. Co.
Friday Harbor
6, 9, 10, 11, 12, 13

Eddon Boat Co.
Harborview Dr.
Gig Harbor
1, 2, 3, 4, 5, 6, 7, 8, 12, 13

Bixbys Marina Inc.
6401 Lake Washington Blvd.
Houghton—1, 3, 4, 6, 7, 8, 10, 11, 12, 13

Whites Resort
Hansville
8, 9, 10, 11, 12, 13

Industrial & Marine Supply Co.
701 Levee St.
Hoquiam—7, 8, 9, 12, 13

Ilwaco Boat Wks.
Ilwaco
1, 2, 6, 7, 8, 13

Cowlitz Marina
85 Catlin
Kelso
3, 4, 6, 7, 8, 10, 11, 12, 13

Channel Boat House*
P. O. Box 145
La Conner
1, 2, 3, 4, 6, 8, 9, 10, 11, 13

Skagit Plastics Inc.
La Conner—2, 3, 4, 13

Campbell & Christenson
628 W. Division St.
Mt. Vernon—3, 6, 13

Mukilted Boathouse
610 Front St.
Mukilted
1, 3, 6, 8, 9, 10, 11, 12, 13

John E. Lister Marine Service
Rte. 7, Box 356
Olympia
1, 2, 3, 4, 7, 8, 9, 10, 13

John E. Lister Marine Service
Rte 7, Box 356
Olympia
1, 2, 3, 4, 7, 8, 9, 10, 11, 12, 13

Ken Dyers
1320 North 4th Ave.
Pasco—3, 4, 6, 8, 9, 10, 13

Als Cycle Shop
118 West Front
Port Angeles—3, 6, 8, 13

Willson Hardware Co.
111 W. First St.
Port Angeles—8, 9, 13

Guptill Sporting Gds.
925 Water St.
Port Townsend
3, 6, 8, 9, 10, 13

Widell Hardware
Taylor & Water Sts.
Port Townsend
3, 6, 7, 8, 9, 13

Kennys Raymond Super Service
240 Ocean Ave.
Raymond—3, 6, 8, 9, 10, 13

Raymond Marine Supply
240 Ocean Ave.
Raymond—3, 6, 8, 9, 10, 13

Hickoks Sport Shop
218 Main
Renton—3, 6, 8, 9, 13

Apex Marine & Equipment Inc.
2100 Westlake N.
Seattle—7, 8, 13

Andrew Brown Co.
1223 East Pike St.
Seattle—13

Bryants Marina, Inc.
1117 East Northlake
Seattle
1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13

Cadranell Yacht Landing
2601 Fairview Ave. N.
Seattle
1, 3, 4, 7, 10, 11, 12, 13

Max Cuner Co.*
1324 2nd Ave.
Seattle

Diesel Engineering Co.
663 West Ewing St.
Seattle—7, 13

Eddies Boat Sales & Service
2731 Fairview N.
Seattle
3, 4, 5, 6, 7, 8, 12, 13

Eddies Boat Sales & Service
2325 Eastlake
Seattle
3, 4, 5, 6, 7, 8, 12, 13

Fishers Marina
2044 43rd St.
Seattle
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Gardner Distributing Co.
308 9th Ave., N.
Seattle—6, 7, 13

Haury's Marina
1660 Harbor S.W.
Seattle
1, 3, 6, 8, 9, 10, 11, 12, 13

Jacobsen Boat Company
4215 9th N.W.
Seattle—1, 2, 12, 13

Jensen Motor Boat Co.
1417 East Northlake
Seattle—1, 2, 12, 13

Lake Union Boat Sales
1323 Fairview Ave., N.
Seattle—1, 4, 5, 11, 12, 13

Madison Park Boat House
1800 43rd N.
Seattle—1, 8, 10, 12, 13

Mathers Supply Co.
Fishermens Terminal
Seattle—8, 13

McChesney Boat Works
2901 E. 178th St.
Seattle—2, 3, 13

McGinnis Marine Service
1435 E. Northlake
Seattle—1, 12, 13

North Coast Marine Engine & Equip. Co.
2300 Commodore Wy.
Seattle—7, 12, 13

Westphal Electronics
2419 Market St.
Seattle—13

Tom Wheeler, Jr. Fremont Boat Co.
1059 Northlake Ave.
Seattle—3, 4, 5, 12, 13

Carstens Marine Supply
W. 401 Third Ave.
Spokane—3, 6, 8, 13

Lady Clipper Mfg. Co.
11809 E. Taylor St.
Tacoma—2, 3, 4, 6, 7, 8, 13

Washington Hardware Sport Shop
924 Pacific Ave.
Tacoma—3, 6, 8, 9, 13

WISCONSIN

Koch Marine Service
1232 Lutz Drive
Appleton
1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13

Bodins Seaway Marina
Hgwy. U. S. 2 West End
Ashland
3, 6, 7, 8, 9, 10, 11, 12, 13

Jack Thomas Marine Basin
R. R. 3
Beaver Dam
3, 4, 5, 6, 8, 9, 10, 11, 12, 13

Otto Hirth Co.
439 East Grand
Beloit—3, 4, 5, 6, 8, 9, 13

Schultz Outboard Sales
843 Bluff St.
Beloit—13

Scheel's Boat Landing
Lake Wissota Rte. 5
Chippewa Falls
3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Bud's Sport & Marine Shop
4918 S. Packard Ave.
Cudahy—3, 6, 8, 9, 10, 13

Stamm Boat Co.
Box 25
Delafield
2, 3, 4, 5, 6, 8, 10, 11, 13

Delavan Lake Boat Co.
693 N. Shore Drive
Delavan
3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Long's Sport Shop
210 Eau Claire St.
Eau Claire—3, 6, 8, 9, 10, 13

Outdoor Sport Shop
210 N. Barstow St.
Eau Claire—3, 6, 8, 9, 13

Geneva Lake Boat Co.
523 S. Lake Shore Dr.
Fontana
1, 4, 7, 8, 10, 11, 12, 13

Stover Battery & Electric Co.
153 South Macy St.
Fond Du Lac—3, 6, 8, 10, 13

Geo. A. Denis Sport Shop, Inc.
922-26 Main St.
Green Bay—3, 6, 8, 9, 10, 13

Al Zeller & Sons Green Bay Marine Mart
1310 S. Monroe
Green Bay
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Peterson Boat & Oar Works
Hayward—2, 8, 13

Janesville Sport Shop
21 N. Main St.
Janesville—3, 6, 9, 10, 13

Mamath Boat House
Eagle Lake Manor
Rte. 1, Box A74M
Kansasville
1, 2, 3, 5, 6, 10, 12, 13

Haas Hardware Co.
153 E. 3rd St.
Kaukauna—6, 9, 13

Tysons Inc.
14th Ave. at 62nd St.
Kenosha—3, 6, 8, 9, 13

Hessel Appl.
220 Ellis
Kewaunee—3, 6, 9, 10, 13

Mr. C. K. Kay Kewaunee Engin. Corp.
Kewaunee
1, 2, 4, 11, 12, 13

Verhagen & Sons Hardware Co.
109 W. Kimberly Ave.
Kimberly—3, 6, 8, 9, 13

Anderson's Inc.
209-15 State St.
La Crosse
3, 4, 6, 8, 9, 12, 13

Elfman Marine Inc.
58 Copeland Ave.
La Crosse—3, 6, 8, 13

Olson's Sporting Goods Store
218 S. 3rd St.
La Crosse—3, 6, 8, 9, 13

Sunflower Boat Works
Lake Tomahawk
1, 2, 4, 7, 10, 11, 13

Dickman's Landolakes Motor Co.
Landolakes—3, 4, 6, 10, 13

Berg-Pearson Sporting Goods & Marine Service
2123 Atwood Ave.
Madison—3, 4, 6, 8, 9, 13

Inland Lakes Boat Works Inc.
Rte. 4
Madison—2, 3, 12, 13

Toftes Boat & Motor Shop
1442 Northern Ct.
Madison—2, 3, 4, 6, 7, 8, 13

Burger Boat Co.
P. O. Box 27
Manitowoc—1, 2, 4, 5, 13

Gergers Manitowoc's Marine Supply
308 N. 8th St.
Manitowoc—10, 13

Robert A. Phillips Fire Fighting Equip.
602 Oak St.
Manitowoc—13

Marinette Marine Corp.
Ely Street
Marinette
2, 4, 10, 11, 12, 13

Red's D-X Marine Service
1324 Marinette Ave.
Marinette
3, 4, 6, 7, 8, 9, 10, 13

Arrow Marine Co.
3715 W. National Ave.
Milwaukee—3, 6, 8, 13

Chour Boats & Motors
1410 S. 16th Street
Milwaukee—3, 6, 8, 10, 13

Danielski & Co.
401-407 W. Mitchell St.
Milwaukee—3, 6, 8, 9, 13

Freeman's Marine & Sport Supply Co.
3608 W. North Ave.
Milwaukee
3, 5, 6, 7, 8, 9, 10, 13

Cliff Gould's Marineld
7105 W. North Ave.
Milwaukee
3, 4, 6, 8, 10, 13

Louis Hirschinger Yacht Broker
2702 S. Shore Dr.
Milwaukee—3, 4, 5, 7, 8, 13

Reinhardt's Marine Mart
3425 N. Holton St.
Milwaukee—3, 6, 8, 13

Ruggles Marine Mart
1852 E. Kenilworth Pl.
Milwaukee
3, 4, 6, 7, 8, 13

Tessner Motor Boat Sales Inc.
1048 W. Winnebago
Milwaukee—3, 6, 8, 13

Lakeview Marine Sales & Service
R.R. 1
Neenah
3, 6, 9, 9, 10, 13

Kinn Motors Marine
650 E. Wisconsin Ave.
Oconomowoc
1, 3, 4, 5, 6, 7, 8, 10, 13

Clark & Lund Boat Co.
4th & Michigan Sts.
Oshkosh
1, 4, 7, 8, 10, 11, 12, 13

Diedrichs Valley Marine
40 Lake Drive
Oshkosh
1, 3, 6, 8, 10, 11, 12, 13

Dunham Fulton Sporting Goods
109 N. Main St.
Oshkosh—3, 4, 6, 7, 8, 9, 13

Norseman Marine
105 Nevada St.
Oshkosh—7, 13

1. Boat Yard (Storage & Repairs)
2. Boat Builder
3. Outboard Motor Boats
4. Inboard Motor Boats
5. Sailboats
6. Outboard Motors
7. Inboard Engines
8. Marine Hardware
9. Fishing Equipment
10. Gasoline & Oil
11. Dockside Fuel
12. Dockside Mooring
13. Open All Year

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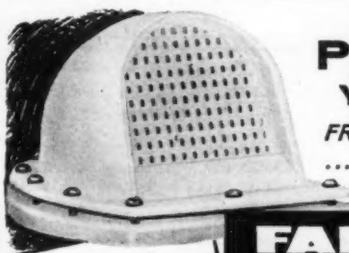

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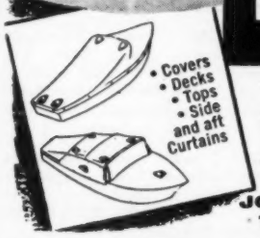

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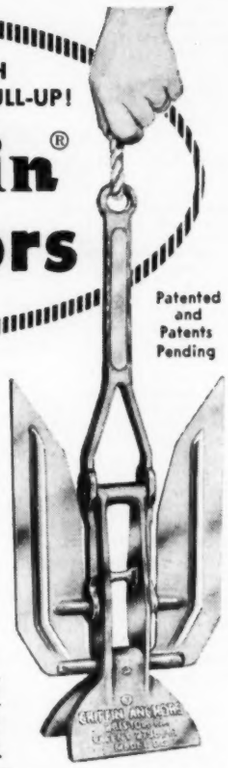

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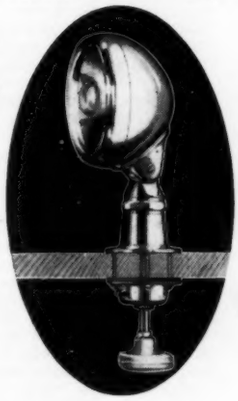

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Flight—

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